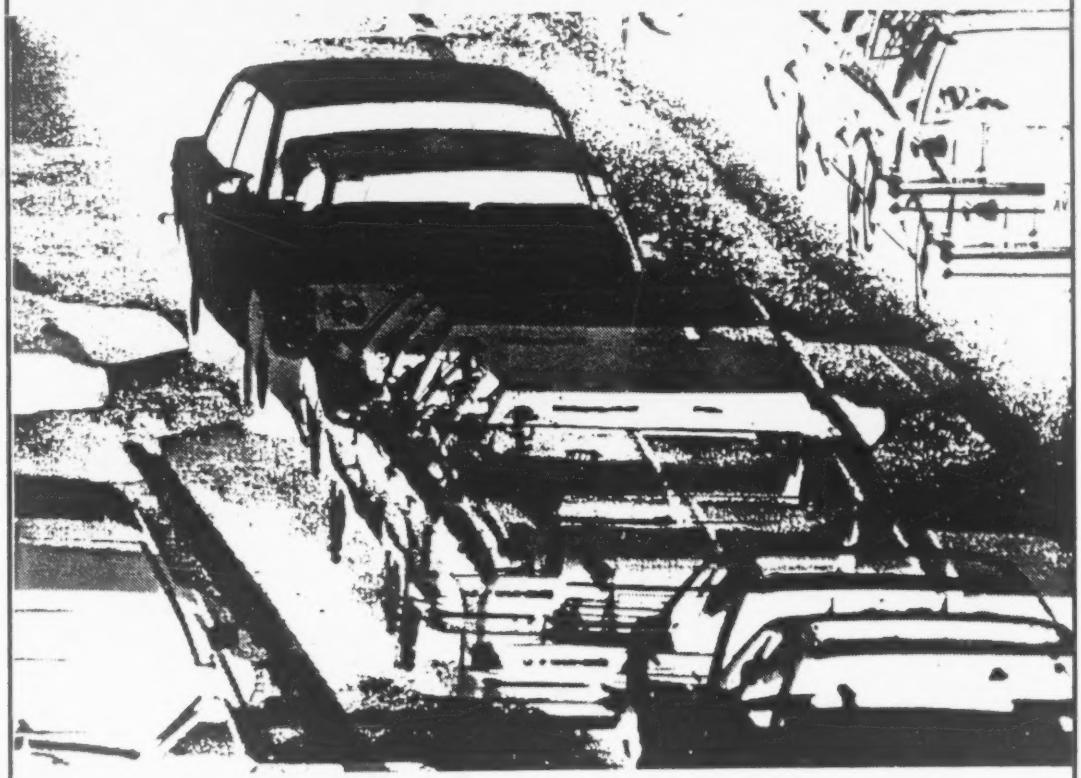
1991
WEST VIRGINIA
Crash Data



West Virginia Division of Highways

Gaston Caperton
Governor

Fred VanKirk
Commissioner

in cooperation with
United States Department of Transportation
Federal Highway Administration

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
Division Of Highways
State Capitol Complex • Building Five
Charleston, West Virginia 25305 • 304-348-3505

GASTON CAPERTON
GOVERNOR

FRED VANKIRK
COMMISSIONER
STATE HIGHWAY ENGINEER

GEORGE T. SIDIROPOLIS
ASSISTANT COMMISSIONER

April 6, 1992

TO USERS OF HIGHWAY ACCIDENT DATA:

The West Virginia Crash Data 1991 Report providing summarized findings and statistics of highway accidents is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Division of Highways based on information extracted from accident reports submitted to the West Virginia Department of Motor Vehicles. The tabulations were prepared by our Division by using the Traffic Records Information System (TRIS) computer processing of data.

The Division sincerely hopes that publication of this material will be valuable in identifying and evaluating problems associated with highway safety. However, this report is only intended to serve as an information document. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Very truly yours,

Fred VanKirk
Commissioner

FV:Ks

ACKNOWLEDGEMENT:

The West Virginia Division of Highways wishes to express appreciation to all law enforcement agencies and officers for their work in crash investigation which made this report possible. All information concerning West Virginia traffic crashes was taken from report forms provided by investigating officers and drivers involved in crashes.

COPIES OF THIS REPORT MAY BE OBTAINED FROM:

Traffic Engineering Division
West Virginia Division of Highways
1900 Kanawha Blvd. E., Building 5, Room A550
Charleston, West Virginia 25305
Telephone: (304) 558-3063

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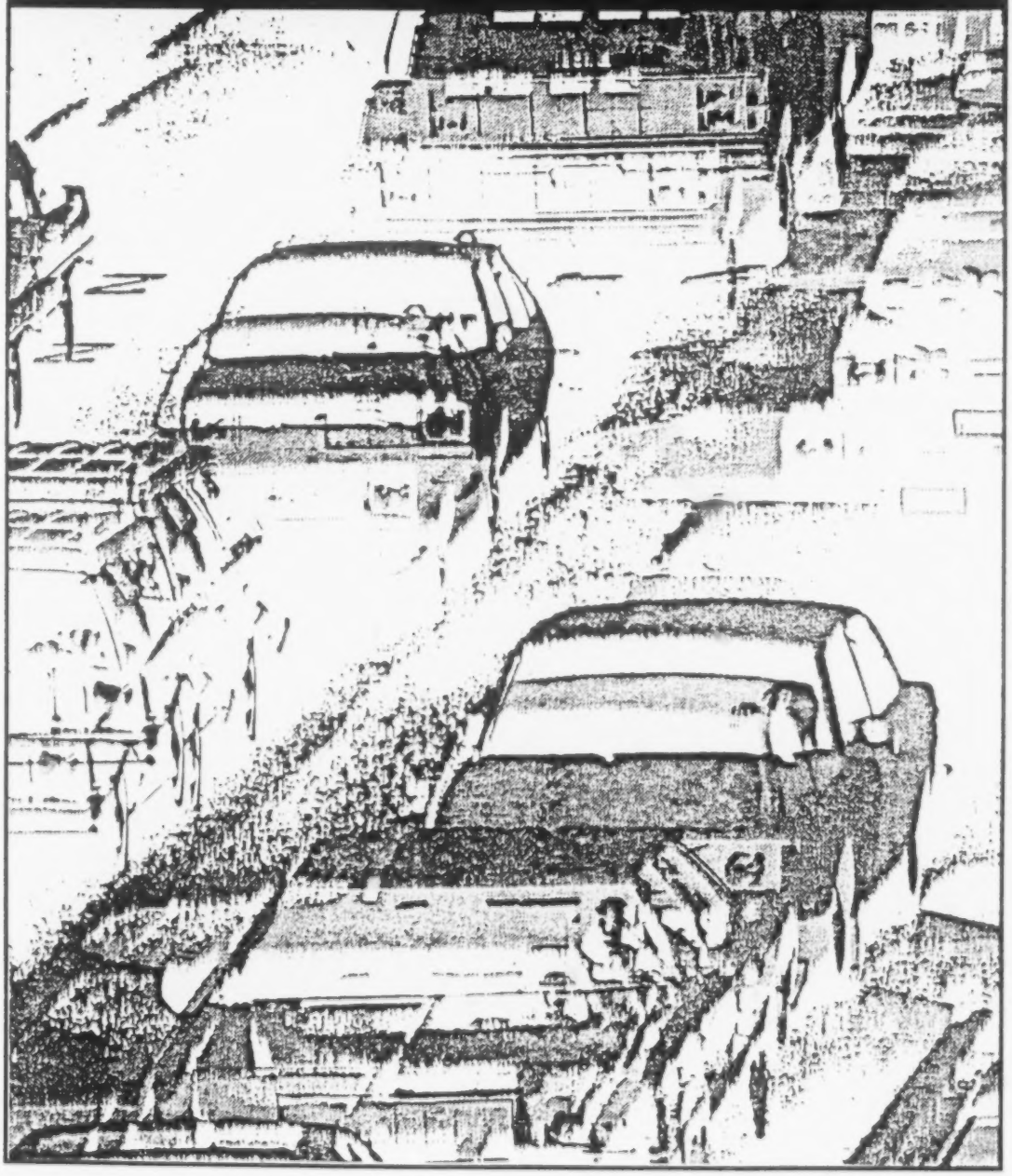
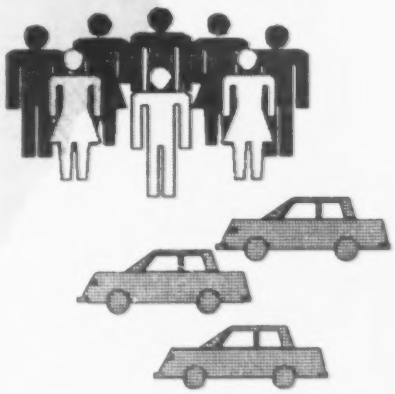
1991
West Virginia Crash Data



GENERAL SUMMARY

In 1991 as a result of Traffic Crashes in West Virginia there were:

CRASHES	50,237
FATALITIES	422
PEOPLE INJURED	26,555
PROPERTY DAMAGE	$129,842,605
* ECONOMIC LOSS	$1,241,883,000

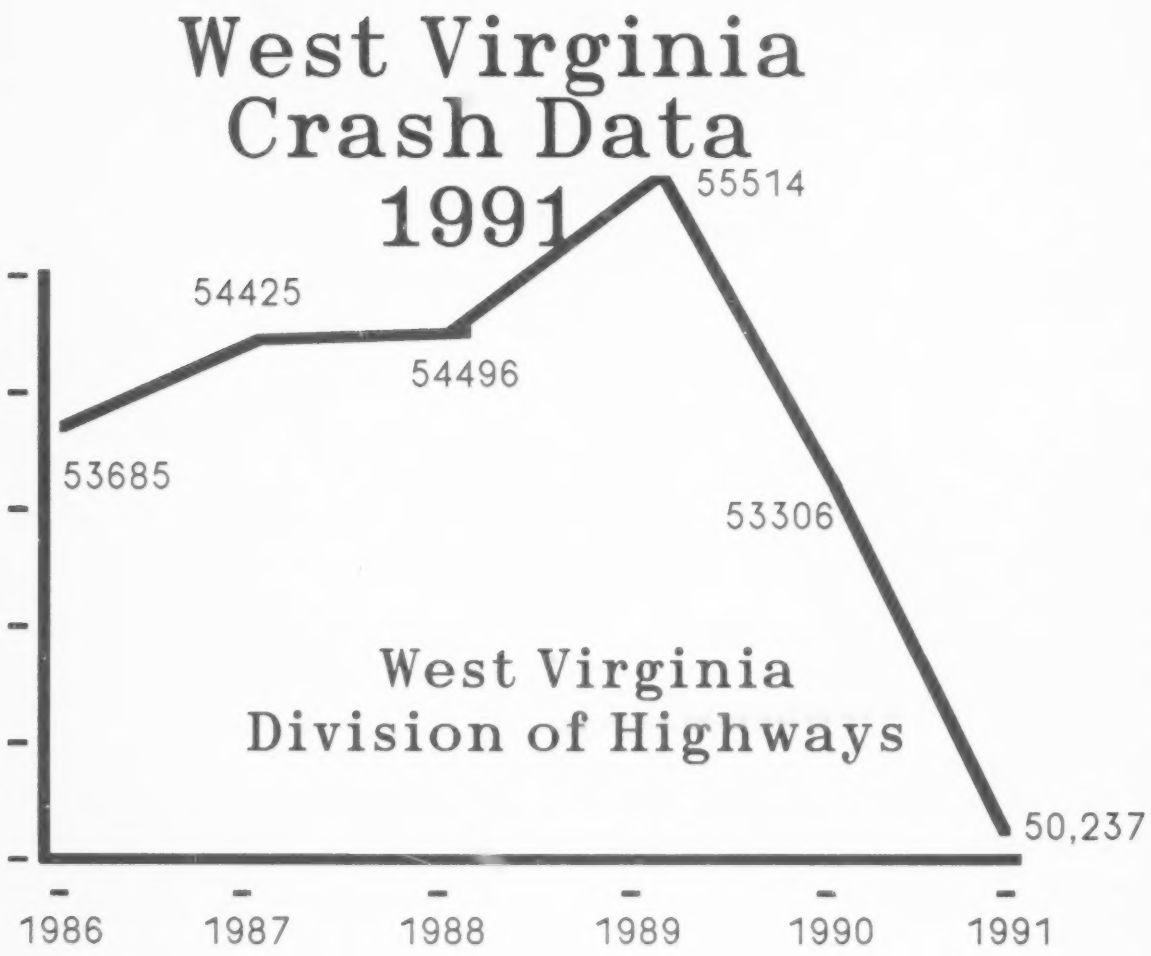


Currently in West Virginia there are:

LICENSED DRIVERS	1,309,391
MOTOR VEHICLES LICENSED	1,287,527
ANNUAL VEHICLE MILES TRAVELED	15,620,700,000

* (Based on Estimates by the Federal Highway Administration)

1. Fatality - $ 1,500,000
2. Injuries - A - $ 39,000 B - $ 12,000 C - $ 6,000
3. PDO Crash - $ 3,000


West Virginia
Crash Data
1991
55514
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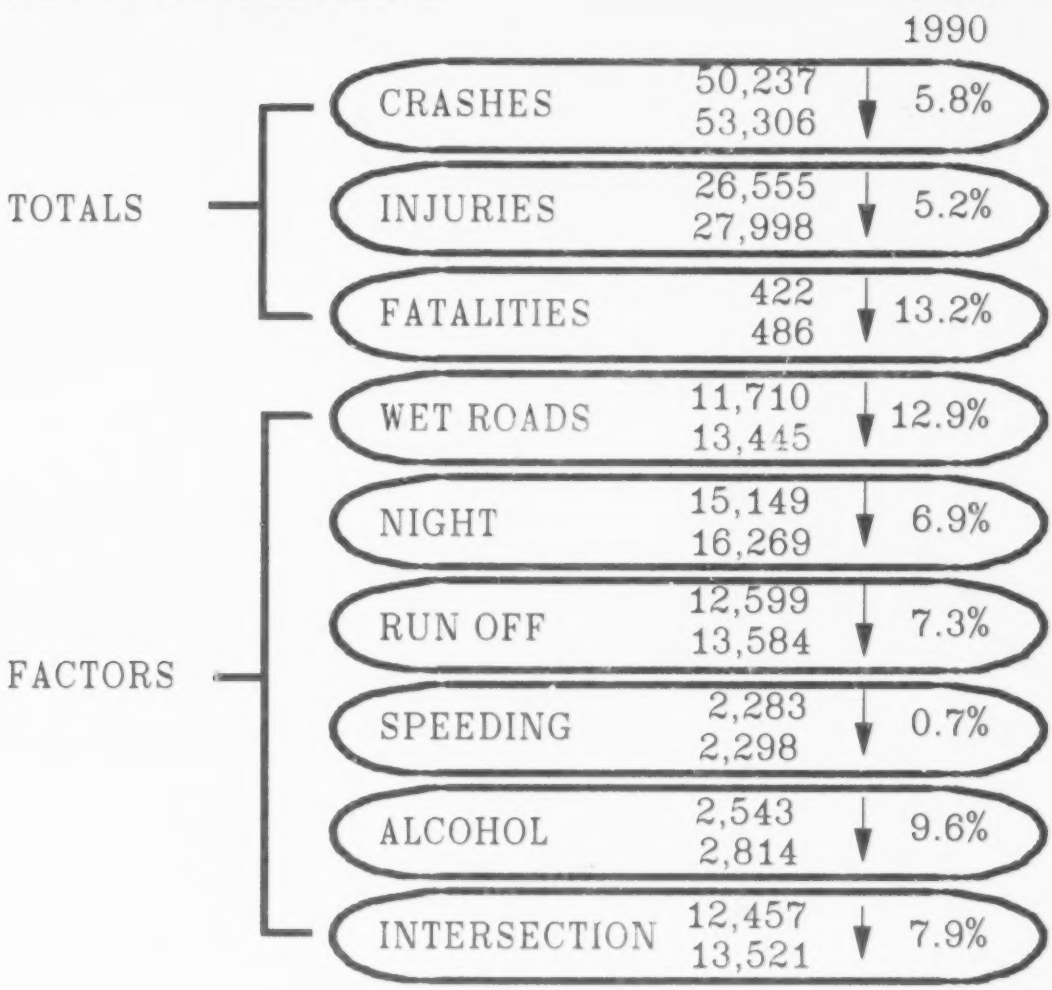
West Virginia
Division of Highways
50,237
1986
1987
1988
1989
1990
1991

1991 SUMMARY



ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
BARBOUR	297	97	135	4	5	196	$10,680,000
BERKELEY	1,769	655	973	11	12	1,103	$40,272,000
BOONE	488	229	350	4	5	255	$15,909,000
BRAXTON	342	130	188	7	9	205	$19,096,000
BROOKE	881	260	417	2	2	619	$12,933,000
CABELL	4,639	1,256	1,805	14	16	3,369	$66,039,000
CALHOUN	150	60	80	3	3	87	$6,375,000
CLAY	172	71	111	1	1	100	$4,047,000
DODDRIDGE	103	37	59	0	0	66	$1,653,000
FAYETTE	957	380	578	15	16	562	$37,734,000
GILMER	138	56	74	3	3	79	$6,078,000
GRANT	266	112	175	1	1	153	$5,427,000
GREENBRIER	842	338	529	14	15	490	$33,696,000
HAMPSHIRE	398	153	237	4	4	241	$11,022,000
HANCOCK	711	248	362	4	4	459	$13,284,000
HARDY	242	95	150	5	5	142	$11,595,000
HARRISON	1,929	609	937	7	7	1,313	$30,348,000
JACKSON	710	264	389	9	9	437	$24,270,000
JEFFERSON	966	331	529	4	4	631	$18,771,000
KANAWHA	7,714	2,423	3,670	41	52	5,250	$165,234,000
LEWIS	449	142	222	4	5	303	$13,186,000
LINCOLN	400	183	277	6	6	211	$17,019,000
LOGAN	1,076	473	755	9	9	594	$31,293,000
MCDOWELL	575	264	451	5	6	306	$16,698,000
MARION	1,698	617	934	11	11	1,070	$37,128,000
MARSHALL	772	280	434	7	7	485	$21,837,000
MASON	823	295	408	11	11	557	$26,249,000
MERCER	1,837	764	1,222	23	26	1,050	$64,821,000
MINERAL	547	234	398	5	5	308	$16,161,000

* BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,300 C-$6,000
3. PDO ACC -$2,000

ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	PROPERTY DAMAGE ONLY CRASHES	TOTAL ECONOMIC LOSS
MINGO	711	324	510	10	13	377	$30,516,000
MONONGALIA	2,534	727	1,076	15	17	1,792	$50,886,000
MONROE	188	72	104	4	4	112	$8,394,000
MORGAN	265	92	138	2	2	171	$6,462,000
NICHOLAS	793	304	522	6	6	483	$20,892,000
OHIO	1,787	506	689	6	6	1,275	$25,314,000
PENDLETON	161	80	130	2	2	79	$5,616,000
PLEASANTS	195	45	66	1	1	149	$3,225,000
POCAHONTAS	251	95	125	5	5	161	$10,506,000
PRESTON	632	270	424	8	8	346	$21,603,000
PUTNAM	777	257	394	9	12	511	$26,331,000
RALEIGH	2,186	897	1,443	17	21	1,272	$62,757,000
RANDOLPH	716	250	396	6	6	460	$17,754,000
RITCHIE	112	49	63	2	2	61	$4,422,000
ROANE	357	125	183	2	2	230	$7,848,000
SUMMERS	254	114	179	6	6	134	$13,104,000
TAYLOR	343	114	162	1	1	228	$5,493,000
TUCKER	179	75	107	1	1	103	$4,209,000
TYLER	197	55	94	0	0	142	$2,040,000
UPSHUR	577	179	262	2	2	396	$9,471,000
WAYNE	696	251	435	11	15	434	$33,627,000
WEBSTER	174	75	114	2	2	97	$5,658,000
WETZEL	409	124	215	6	6	279	$13,848,000
WIRT	107	53	82	2	2	52	$4,974,000
WOOD	3,333	1,032	1,527	14	14	2,287	$52,431,000
WYOMING	412	164	266	6	7	242	$16,485,000
	==========	==========	==========	==========	==========	==========	==========
	50,237	17,343	26,555	380	422	32,514	$1,241,883,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

SEVERITY FACTOR@ BY COUNTY

COUNTY	TOTAL ECONOMIC LOSS*	POPULATION	TOTAL CRASHES	INJURY CRASHES	TOTAL INJURED	FATAL CRASHES	TOTAL KILLED	PDO CRASHES	SEVERITY FACTOR@ /CRASH	SEVERITY RATE@ /10,000 POP	SEVERITY RATE@ /HMVM
BARBOUR	$10,680,000	15,699	297	97	135	4	5	196	3.91	739	1,049
BERKELEY	$40,272,000	59,253	1,769	655	973	11	12	1,103	4.33	1,293	1,197
BOONE	$15,909,000	26,870	488	229	350	4	5	255	5.95	1,080	1,166
BRAXTON	$10,096,000	12,998	342	130	188	7	9	205	5.01	1,317	700
BROOKE	$12,933,000	26,992	881	260	417	2	2	619	3.80	1,241	2,025
CABELL	$66,039,000	96,827	4,639	1,256	1,805	14	16	3,369	3.09	1,480	1,938
CALHOUN	$6,375,000	7,885	150	60	80	3	3	87	4.57	869	1,382
CLAY	$4,047,000	9,983	172	71	111	1	1	100	5.05	870	959
DODDRIDGE	$1,652,000	6,994	103	37	59	0	0	66	5.35	788	783
FAYETTE	$37,736,000	47,952	957	380	578	15	16	562	5.12	1,921	997
GILMER	$6,378,000	7,669	138	56	74	3	3	79	4.25	764	1,154
GRANT	$5,427,000	10,428	266	112	175	1	1	153	5.30	1,274	1,258
GREENBRIER	$33,696,000	34,693	842	338	529	14	15	490	4.79	1,162	1,006
HAMPSHIRE	$11,022,000	16,498	398	153	237	4	4	241	4.41	1,063	1,058
HANCOCK	$13,284,000	35,233	711	248	362	4	4	459	3.53	712	1,483
HARDY	$11,595,000	10,977	262	95	150	5	5	162	6.05	1,335	1,446
HARRISON	$38,348,000	69,371	1,929	609	937	7	7	1,313	3.50	974	1,095
JACKSON	$24,270,000	25,938	710	264	389	9	9	437	5.31	1,453	1,056
JEFFERSON	$18,771,000	35,926	966	331	529	4	4	631	4.49	1,207	1,589
KANAWHA	$165,294,000	207,619	7,714	2,423	3,670	41	52	5,250	3.91	1,452	1,408
LEWIS	$13,188,000	17,223	449	142	222	4	5	303	4.45	1,159	878
LINCOLN	$17,019,000	21,382	400	183	277	6	6	211	6.98	1,206	2,197
LOGAN	$31,293,000	43,032	1,076	473	755	9	9	594	5.68	1,420	2,104
MCDOWELL	$16,698,000	35,233	575	264	451	5	6	306	4.67	762	1,205
MARION	$37,128,000	57,249	1,698	617	934	11	11	1,070	4.18	1,239	1,786
MARSHALL	$21,837,000	37,356	772	280	434	7	7	485	5.08	1,049	1,670
MASON	$26,349,000	25,178	823	255	408	11	11	557	4.26	1,291	1,516
MERCER	$64,821,000	64,980	1,837	764	1,222	23	26	1,050	4.97	1,405	1,378

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$6,000
3. PDO ACC -$3,000

@(BASED ON VALUES DETERMINED BY TRAFFIC ENGINEERING DIV.)
1.FATALITY-20 2.INJURIES A-13 B-4 C-2 3.PDO ACC-1
POPULATION-1990 CENSUS VMT-1991 STATEWIDE PLANNING

SEVERITY FACTOR@ BY COUNTY

COUNTY	TOTAL ECONOMIC LOSS*	POPULATION	TOTAL CRASHES	INJURY CRASHES	TOTAL INJURED	FATAL CRASHES	TOTAL KILLED	PDO CRASHES	SEVERITY FACTOR@ /CRASH	SEVERITY RATE@ /10,000 POP	SEVERITY RATE@ /HMVM
MINERAL	$16,161,000	26,697	547	234	398	5	5	308	5.46	1,119	1,859
MINGO	$30,516,000	33,739	711	324	510	10	13	377	5.53	1,165	1,496
MONONGALIA	$50,886,000	75,509	2,534	727	1,076	15	17	1,792	3.47	1,166	1,351
MONROE	$8,394,000	12,406	188	72	104	4	4	112	4.67	708	1,133
MORGAN	$6,462,000	12,128	265	92	138	2	2	171	4.51	984	1,093
NICHOLAS	$20,892,000	26,775	793	304	522	6	6	483	5.15	1,525	1,431
OHIO	$25,314,000	50,871	1,787	506	689	6	6	1,275	3.11	1,093	1,324
PENDLETON	$5,616,000	8,054	161	80	130	2	2	79	5.66	1,132	1,161
PLEASANTS	$3,225,000	7,546	195	45	66	1	1	149	3.05	788	959
POCAHONTAS	$10,506,000	9,008	251	85	125	5	5	161	4.39	1,223	1,350
PRESTON	$21,603,000	29,037	632	278	424	8	8	346	5.32	2,157	1,409
PUTNAM	$26,331,000	42,835	777	257	394	9	12	511	3.88	704	671
RALEIGH	$62,757,000	76,819	2,186	897	1,443	17	21	1,272	4.96	1,411	1,439
RANDOLPH	$17,754,000	27,803	716	250	396	6	6	460	4.24	1,093	1,347
RITCHIE	$4,422,000	10,233	112	49	63	2	2	61	4.59	502	521
ROANE	$7,848,000	15,120	357	125	183	2	2	230	4.64	1,095	1,252
SUMMERS	$13,104,000	14,204	254	114	179	6	6	134	5.86	1,049	1,327
TAYLOR	$5,493,000	15,144	343	114	162	1	1	228	3.94	892	1,503
TUCKER	$4,209,000	7,728	179	75	107	1	1	103	5.16	1,164	1,245
TYLER	$2,040,000	9,796	197	55	94	0	0	142	3.45	694	1,160
UPSHUR	$9,471,000	22,867	577	179	282	2	2	396	3.81	961	1,554
WAYNE	$33,627,000	41,636	696	251	435	11	15	434	5.76	963	1,214
WEBSTER	$5,658,000	10,729	174	75	114	2	2	97	5.32	963	1,291
WETZEL	$13,848,000	19,258	409	124	215	6	6	279	4.24	901	1,456
WIRT	$4,974,000	5,192	107	53	82	2	2	52	6.52	1,344	1,796
WOOD	$52,431,000	86,915	3,133	1,032	1,527	14	14	2,087	3.23	1,238	1,591
WYOMING	$16,485,000	28,990	412	164	256	6	7	242	5.18	736	1,046
	$1,241,883,000	1,794,477	50,237	17,343	26,555	380	422	32,514			

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-$1,500,000
2. INJURIES A-$39,000 B-$12,000 C-$5,000
3. PDO ACC -$2,000
@(BASED ON VALUES DETERMINED BY TRAFFIC ENGINEERING DIV.)
1.FATALITY-20 2.INJURIES A-13 B-4 C-2 3.PDO ACC-1
POPULATION-1990 CENSUS VMT-1991 STATEWIDE PLANNING

1991 WEST VIRGINIA CRASH DATA

1991 WEST VIRGINIA CRASH DATA

CRASH TYPE	NUMBER	PERCENT
REAR END	10,225	20.3
HEAD ON	1,791	3.6
SIDESWIPE-SAME DIRECTION	4,102	8.2
SIDESWIPE-OPPOSITE DIRECTION	3,190	6.3
ACCESS CONFLICT	10,125	20.1
RUN-OFF	12,599	25.1
PEDESTRIAN	680	1.4
ANIMAL	1,839	3.7
PARKED VEHICLE	3,922	7.8
TRAIN	38	0.1
OTHER	1,726	3.4
TOTAL	50,237	100.00

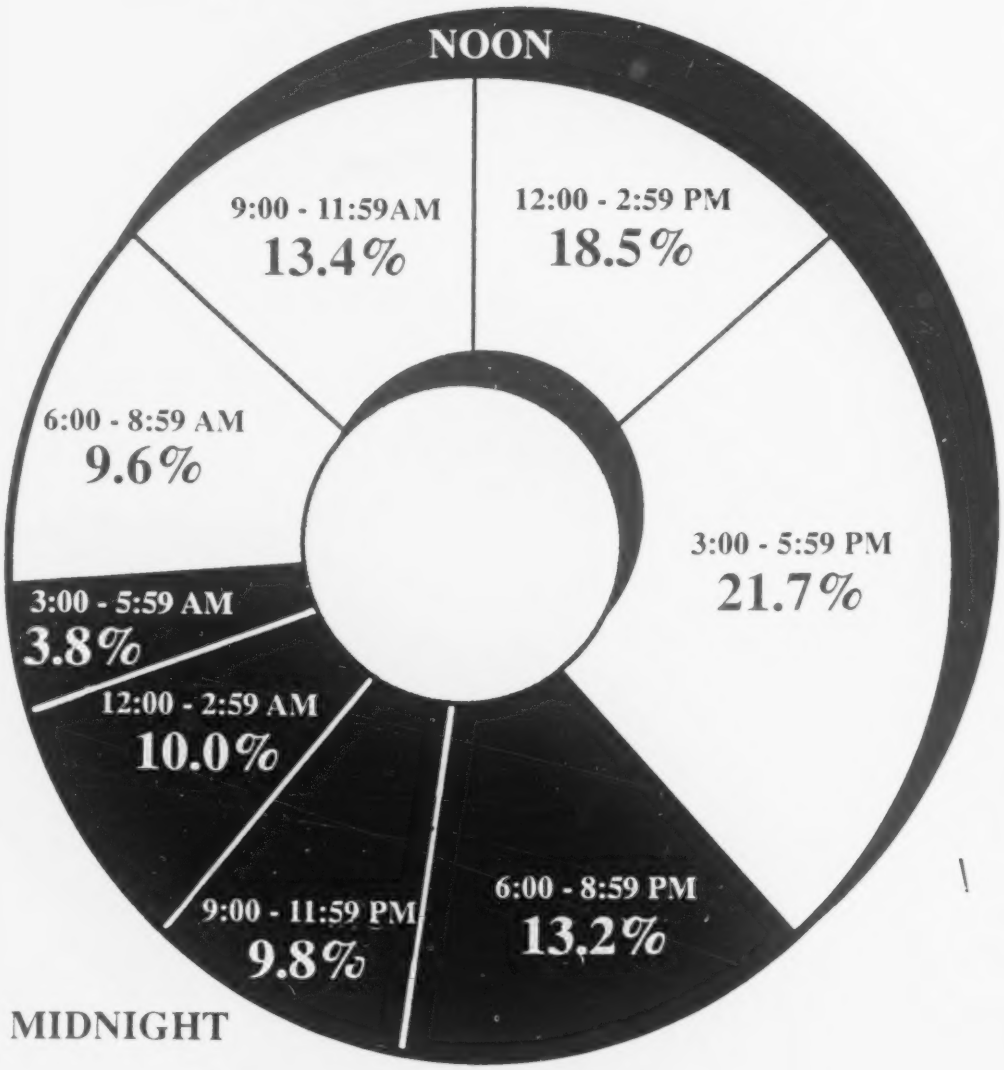
VEHICLE TYPE	NUMBER	TOTAL
AUTOMOBILE	62,739	94.2
TRUCK	1,633	1.9
SEMI	1,782	2.0
MOTORCYCLE	506	0.6
TRAILER	37	0.0
COMMERCIAL BUS	88	0.1
EQUIPMENT	101	0.1
OTHER	962	1.1
TOTAL	87,848	100.00

1991 WEST VIRGINIA CRASH DATA

MONTH OF YEAR	NUMBER	PERCENT
JANUARY	3,929	7.8
FEBRUARY	3,694	7.4
MARCH	3,963	7.9
APRIL	4,091	8.1
MAY	4,500	9.0
JUNE	4,039	8.0
JULY	4,251	8.5
AUGUST	4,362	8.7
SEPTEMBER	3,960	7.9
OCTOBER	4,470	8.9
NOVEMBER	4,540	9.0
DECEMBER	4,438	8.8
TOTAL	50,237	100.00

DAY OF WEEK	NUMBER	PERCENT
SUNDAY	5,692	11.3
MONDAY	7,150	14.2
TUESDAY	6,998	13.9
WEDNESDAY	6,828	13.6
THURSDAY	6,885	13.7
FRIDAY	8,697	17.3
SATURDAY	7,987	15.9
TOTAL	50,237	100.00

ByTime of Day



1991 TOTAL CRASHES - 50,237

Denotes Hours of Darkness

1991 WEST VIRGINIA CRASH DATA

CONTRIBUTING FACTORS	NUMBER	PERCENT
EXCEEDING SPEED LIMIT	475	0.6
EXCEEDING SAFE SPEED	1,808	2.1
IMPROPER LANE CHANGE	1,249	1.4
FOLLOWS TOO CLOSE	1,686	1.9
DISREGARDS TRAFFIC CONTROL	1,418	1.6
DIDN'T HAVE RIGHT OF WAY	7,714	8.8
DIDN'T HAVE CONTROL	16,092	18.3
UNDER MINIMUM SPEED	35	0.0
NO/IMPROPER SIGNAL	139	0.2
TURNING IMPROPERLY	773	0.9
PASSING IMPROPERLY	473	0.5
PARKING IMPROPERLY	269	0.3
BACKING IMPROPERLY	1,174	1.3
AVOIDING ANIMAL/VEHICLE	1,104	1.3
DISTRACTION IN VEHICLE	145	0.2
WALKING VIOLATION	12	0.0
DRIVER UNDER INFLUENCE	556	0.6
PEDESTRIAN UNDER INFLUENCE	6	0.0
SLIPPERLY PAVEMENT	990	1.1
OTHER ROAD DEFECTS	180	0.2
PREVIOUS ACCIDENT	42	0.0
MECHANICAL DEFECT	475	0.6
NONE NOTED	51,033	58.1
TOTAL	87,848	100.00

SPECIFIC LOCATION	NUMBER	PERCENT
INTERSECTION	12,457	24.8
COMMERCIAL DRIVE	5,996	11.9
PRIVATE DRIVE	253	0.5
BRIDGE/OVERPASS	428	0.9
UNDERPASS	58	0.1
RAILROAD CROSSING	73	0.1
LANE CHANGES	1	0.0
OTHER	170	0.4
NONE NOTED	30,801	61.3
TOTAL	50,237	100.00

FIXED OBJECT STRUCK	NUMBER	PERCENT
UTILITY POLE	1,224	2.4
TREE	884	1.8
GUARDRAIL	1,173	2.3
FENCE/WALLS	980	2.0
MEDIAN BARRIER	78	0.2
TRAFFIC SIGNS	384	0.8
EMBANKMENT	470	0.9
BRIDGE	207	0.4
CURB	50	0.1
DEBRIS IN ROAD	62	0.1
MAILBOX	205	0.4
FIRE HYDRANT	52	0.1
TRAFFIC SIGNAL	11	0.0
BUILDING	343	0.7
GAS METER	41	0.1
OTHER	834	1.7
TOTAL	6,998	14.0

DISTRIBUTION OF INJURIES IN
ROADSIDE HAZARD CRASHES
BY AGE AND SEX
TABLE OF AGE BY SEX

AGE FREQUENCY PERCENT	SEX FEMALE	MALE	TOTAL
1 to 14	170 1.35	158 1.25	328 2.60
15 to 20	1020 8.09	1966 15.59	2986 23.68
21 to 34	1508 11.96	3289 26.08	4797 38.04
35 to 44	697 5.53	1458 11.56	2155 17.09
45 to 54	361 2.81	710 5.63	1071 8.49
55 to 64	220 1.74	405 3.21	625 4.69
65 +	282 2.24	368 2.92	650 5.15
TOTAL	4258 33.76	8354 66.24	12612 100.00

FREQUENCY MISSING = 598

DISTRIBUTION OF INJURIES IN ROADSIDE HAZARD CRASHES BY TYPE OF HIGHWAY

TABLE OF HIGHWAY CHARACTERISTICS

HIGHWAY CHARACTERISTICS FREQUENCY PERCENT	RURAL	URBAN	TOTAL
INTERSTATE	1118	232	1350
	8.46	*1.76*	***10.22***
US	1810	742	2552
	13.70	*5.62*	***19.32***
WV	3096	595	3691
	23.44	*4.50*	***27.94***
COUNTY	3518	274	3792
	26.63	*2.07*	***28.71***
CITY	0	1411	1411
	0.00	*10.68*	***10.68***
OTHER	270	144	414
	2.04	*1.09*	***3.13***
TOTAL	9812	3398	13210
	74.28	*25.72*	***100.00***

DISTRIBUTION OF INJURIES IN ROADSIDE HAZARD CRASHES BY OBJECTS STRUCK

TABLE OF OBJECT BY INJURY

OBJECT / FREQUENCY / *PERCENT*	INJURY: BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
POLE	519	284	194	17	773	**1787**
	3.93	*2.15*	*1.47*	*0.13*	*5.85*	***13.53***
TREE	394	274	101	35	442	**1246**
	2.98	*2.07*	*.076*	*0.26*	*3.35*	***9.43***
GUARDRAIL	454	291	190	31	902	**1868**
	3.44	*2.20*	*1.44*	*0.23*	*6.83*	***14.14***
WALLS	292	238	160	12	985	**1687**
	2.21	*1.80*	*1.21*	*0.09*	*7.46*	***12.77***
BARRIER	36	8	13	0	70	**127**
	0.27	*0.06*	*0.10*	*0.00*	*0.53*	***0.96***
SIGNS	130	99	78	7	465	**779**
	0.98	*0.75*	*0.59*	*0.05*	*3.52*	***5.90***
EMBANKMENT	164	119	78	4	265	**630**
	1.24	*0.09*	*0.59*	*0.03*	*2.01*	***4.77***
BRIDGE	51	31	33	3	146	**264**
	0.39	*0.23*	*0.25*	*0.02*	*1.11*	***2.00***
CURB	3	3	7	1	48	**62**
	0.02	*0.02*	*0.05*	*0.01*	*0.36*	***0.47***
DEBRIS	17	14	6	4	78	**119**
	0.13	*0.11*	*0.05*	*0.03*	*0.59*	***0.90***
OTHER	356	279	197	202	620	**3472**
	2.70	*2.11*	*1.49*	*0.15*	*19.83*	***26.29***
MAIL BOX	69	60	42	1	260	**432**
	0.52	*0.45*	*0.32*	*0.01*	*1.97*	***3.27***
HYDRANT	6	10	6	0	55	**77**
	0.05	*0.08*	*0.05*	*0.00*	*0.42*	***0.58***
SIGNAL	4	2	2	0	17	**25**
	0.03	*0.02*	*0.02*	*0.00*	*0.13*	***0.19***
BUILDING	111	83	53	9	305	**561**
	0.84	*0.63*	*0.40*	*0.07*	*2.31*	***4.25***
METER	8	8	6	0	51	**73**
	0.06	*0.06*	*0.05*	*0.00*	*0.39*	***0.55***
TOTAL	**2614**	**1803**	**1166**	**144**	**7482**	**13209**
	19.79	***13.65***	***8.83***	***1.09***	***56.64***	***100.00***

FREQUENCY MISSING = 1

DISTRIBUTION OF INJURIES IN ROADSIDE HAZARD CRASHES BY LIGHT AND HIGHWAY SURFACE

TABLE OF SURFACE BY LIGHT

SURFACE / FREQUENCY / PERCENT	UNKNOWN	DAYLIGHT	DARK	LIGHTED	DUSK	DAWN	TOTAL
UNKNOWN	43	82	63	11	9	4	**212**
	0.33	*0.62*	*0.48*	*0.08*	*0.07*	*0.03*	***1.60***
DRY	10	3911	3802	678	210	173	**8784**
	0.08	*29.61*	*28.78*	*5.13*	*1.59*	*1.31*	***66.50***
WET	2	1554	1342	268	75	67	**3308**
	0.02	*11.76*	*10.16*	*2.03*	*0.57*	*0.51*	***25.04***
SNOWY,ICE	0	436	305	66	17	35	**859**
	0.00	*3.30*	*2.31*	*0.50*	*0.13*	*0.26*	***6.50***
MUDDY	0	8	13	2	2	1	**26**
	0.00	*0.06*	*0.10*	*0.02*	*0.02*	*0.01*	***0.20***
HAZARDOUS MATRL	0	5	14	0	2	0	**21**
	0.00	*0.04*	*0.11*	*0.00*	*0.02*	*0.00*	***0.16***
TOTAL	**55**	**5996**	**5539**	**1025**	**315**	**280**	**13210**
	0.42	***45.39***	***41.93***	*7.76*	*2.38*	*2.12*	***100.00***

DISTRIBUTION OF INJURIES IN ROADSIDE HAZARD CRASHES BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME FREQUENCY *PERCENT*	INJURY BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT- 3 AM	510	346	180	35	1166	**2237**
	3.86	*2.62*	*1.36*	*0.26*	*8.83*	***16.94***
3 AM-6 AM	248	177	68	14	596	**1103**
	1.88	*1.34*	*0.51*	*0.11*	*4.51*	***8.35***
6 AM-9 AM	183	161	128	3	824	**1299**
	1.39	*1.22*	*0.97*	*0.02*	*6.24*	***9.83***
9 AM- NOON	206	168	133	14	792	**1313**
	1.56	*1.27*	*1.01*	*0.11*	*6.00*	***9.94***
NOON-3 PM	329	186	160	20	818	**1513**
	2.49	*1.41*	*1.21*	*0.15*	*6.19*	***11.45***
3 PM - 6 PM	363	262	172	19	1056	**1872**
	2.75	*1.98*	*1.30*	*0.14*	*7.99*	***14.17***
6 PM - 9 PM	366	223	178	15	1191	**1973**
	2.77	*1.69*	*1.35*	*0.11*	*9.02*	***14.94***
9 PM - MIDNIGHT	409	280	147	24	1039	**1899**
	3.10	*2.12*	*1.11*	*0.18*	*7.87*	***14.38***
TOTAL	**2614**	**1803**	**1166**	**144**	**7482**	**13209**
	19.79	***13.65***	***8.83***	***1.09***	***56.64***	***100.00***

FREQUENCY MISSING = 1

SEATBELT USAGE OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEATBELT

AGE	SEATBELT		
FREQUENCY PERCENT	NO	YES	TOTAL
1 to 8	358 0.52	499 0.72	857 1.24
9 to 14	675 0.97	289 0.42	964 1.39
15 to 17	2809 4.06	2052 2.96	4861 7.02
18 to 20	5216 7.53	3284 4.74	8500 12.28
21 to 24	4603 6.65	3519 5.08	8122 11.73
25 to 29	4465 6.45	3888 5.62	8353 12.07
30 to 34	3762 5.43	3778 5.46	7540 10.89
35 to 39	3217 4.65	3487 5.04	6704 9.68
40 to 44	2702 3.90	3252 4.70	5954 8.60
45 to 49	1765 2.55	2106 3.04	3871 5.59
50 to 54	1398 2.02	1652 2.39	3050 4.41
55 to 59	1160 1.68	1313 1.90	2473 3.57
60 to 64	1075 1.55	1221 1.76	2296 3.32
65 and OLDER	2871 4.15	2815 4.07	5686 8.21
TOTAL	36076 52.11	33155 47.89	69231 100.00

FREQUENCY MISSING = 21650

SEAT BELT USAGE	NUMBER	PERCENT
NONE INSTALLED	1,460	1.6
NOT USED	34,935	38.1
LAP BELT	3,228	3.5
LAP AND SHOULDER BELT	30,115	32.9
UNKNOWN	21,876	23.9
TOTAL	91,614	100.00

INJURY SEVERITY BY RESTRAINT USE

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY SEATBELT USAGE
TABLE OF SEATBELT BY INJURY

SEATBELT	INJURY					
FREQUENCY PERCENT ROW PCT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
NO	5402	4162	4774	251	21787	36376
	7.75	5.97	6.85	0.36	31.25	52.17
	14.85	11.44	13.12	0.69	59.89	
YES	2294	2513	4187	38	24314	33346
	3.29	3.60	6.01	0.05	34.87	47.83
	6.88	7.54	12.56	0.11	72.91	
TOTAL	7696	6675	8961	289	46101	69722
	11.04	9.57	12.85	0.41	66.12	100.00

FREQUENCY MISSING = 21159

SEATBELT USAGE BY HIGHWAY CLASSIFICATION
TABLE OF HIGHWAY BY SEATBELT USAGE

HIGHWWAY	SEATBELT		
FREQUENCY PERCENT ROW PCT	NO	YES	TOTAL
INTERSTATE	1240	2746	3986
	1.78	3.94	5.72
	31.11	68.89	
US	9470	9614	19084
	13.58	13.78	27.36
	49.62	50.38	
WV	10901	9511	20412
	15.63	13.64	29.27
	53.40	46.60	
COUNTY	8461	5758	14219
	12.13	8.26	20.39
	59.50	40.50	
CITY	5519	5175	10694
	7.91	7.42	15.33
	51.61	48.39	
OTHER	802	548	1350
	1.15	0.79	1.95
	59.41	40.59	
TOTAL	36393	33352	69745
	52.18	47.82	100.00

FREQUENCY MISSING = 21136

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY INJURY

AGE / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 to 8	290 0.34	334 0.39	285 0.33	13 0.02	6 0.01	928 1.08
9 to 14	321 0.37	334 0.39	339 0.39	6 0.01	34 0.04	1034 1.20
15 to 17	830 0.96	752 0.87	687 0.80	26 0.03	3513 4.08	5808 6.75
18 to 20	1313 1.52	1026 1.19	1042 1.21	48 0.06	6858 7.96	10287 11.95
21 to 24	1063 1.23	841 0.98	1099 1.28	44 0.05	6845 7.95	9892 11.49
25 to 29	1055 1.23	839 0.97	1076 1.25	52 0.06	7240 8.41	10262 11.92
30 to 34	854 0.99	666 0.77	967 1.12	48 0.06	6891 8.00	9426 10.95
35 to 39	695 0.81	519 0.60	888 1.03	23 0.03	6369 7.40	8494 9.86
40 to 44	626 0.73	460 0.53	838 0.97	17 0.02	5610 6.52	7551 8.77
45 to 49	370 0.43	304 0.35	553 0.64	22 0.03	3655 4.24	4904 5.70
50 to 54	316 0.37	232 0.27	430 0.50	11 0.01	2979 3.46	3968 4.61
55 to 59	288 0.26	179 0.21	346 0.40	7 0.01	2414 2.80	3174 3.69
60 to 64	229 0.27	154 0.18	333 0.39	18 0.02	2244 2.61	2978 3.46
65 and OLDER	671 0.78	445 0.52	743 0.86	49 0.06	5491 6.38	7399 8.59
TOTAL	8861 10.29	7085 8.23	9626 11.18	384 0.45	60149 69.86	86105 100.00

FREQUENCY MISSING = 4776

SEX OF DRIVERS AND OCCUPANTS BY AGE

TABLE OF AGE BY SEX

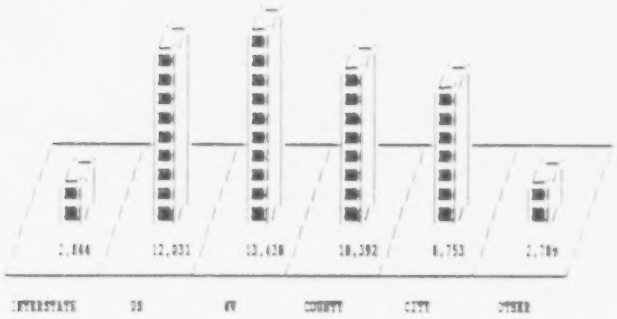
AGE / FREQUENCY / PERCENT	SEX: FEMALE	MALE	TOTAL
1 to 8	465	464	929
	0.54	0.54	1.08
9 to 14	540	495	1035
	0.63	0.58	1.20
15 to 17	2461	3347	5808
	2.86	3.89	6.75
18 to 20	3890	6398	10288
	4.52	7.43	11.95
21 to 24	3738	6145	9883
	4.34	7.14	11.48
25 to 29	3974	6291	10265
	4.62	7.31	11.92
30 to 34	3769	5653	9422
	4.83	6.57	10.95
35 to 39	3534	4955	8489
	4.11	5.76	9.86
40 to 44	3063	4486	7549
	3.56	5.21	8.77
45 to 49	1965	2939	4904
	2.28	3.41	5.70
50 to 54	1552	2414	3966
	1.80	2.80	4.61
55 to 59	1212	1961	3173
	1.41	2.28	3.69
60 to 64	1189	1787	2976
	1.38	2.08	3.46
65 and OLDER	2908	4488	7396
	3.38	5.21	8.59
TOTAL	34260	51823	86083
	39.80	60.20	100.00

FREQUENCY MISSING = 4798

TOTAL FOR STATE

BY TYPE OF HIGHWAY

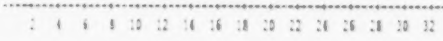
BLOCK CHART OF CRASH SUMS



RURAL AREAS
BY TYPE OF HIGHWAY

PERCENTAGE BAR CHART

MIDPOINT CLASS	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	2295	2295	7.91	7.91
US	6212	8407	22.40	30.31
WV	8651	17058	31.19	61.51
COUNTY	9115	26173	32.87	94.37
CITY	0	26173	0.00	94.37
OTHER	1560	27733	5.63	100.00

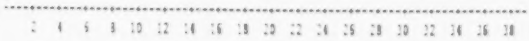


PERCENTAGE

URBAN AREAS
BY TYPE OF HIGHWAY

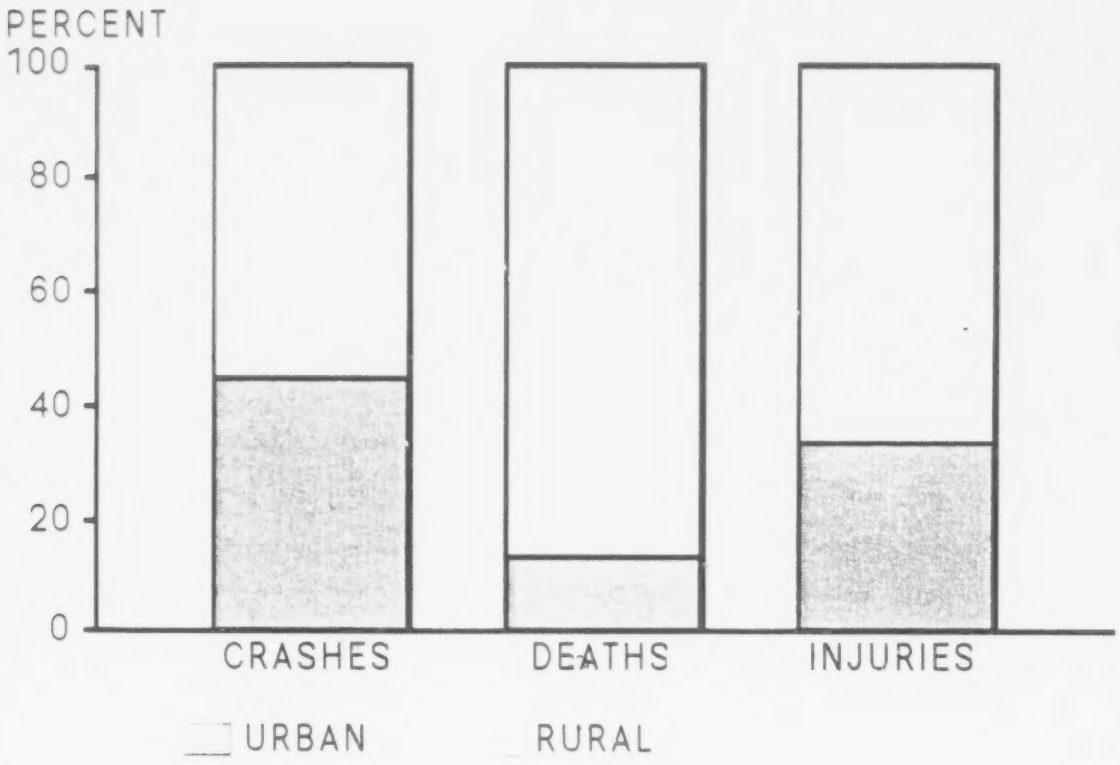
PERCENTAGE BAR CHART

MIDPOINT CLASS	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
INTERSTATE	549	549	2.38	2.38
US	5819	6468	25.85	28.73
WV	4787	11255	21.26	49.99
COUNTY	1277	12532	5.67	55.66
CITY	9753	21285	38.80	94.54
OTHER	1229	22514	5.46	100.00



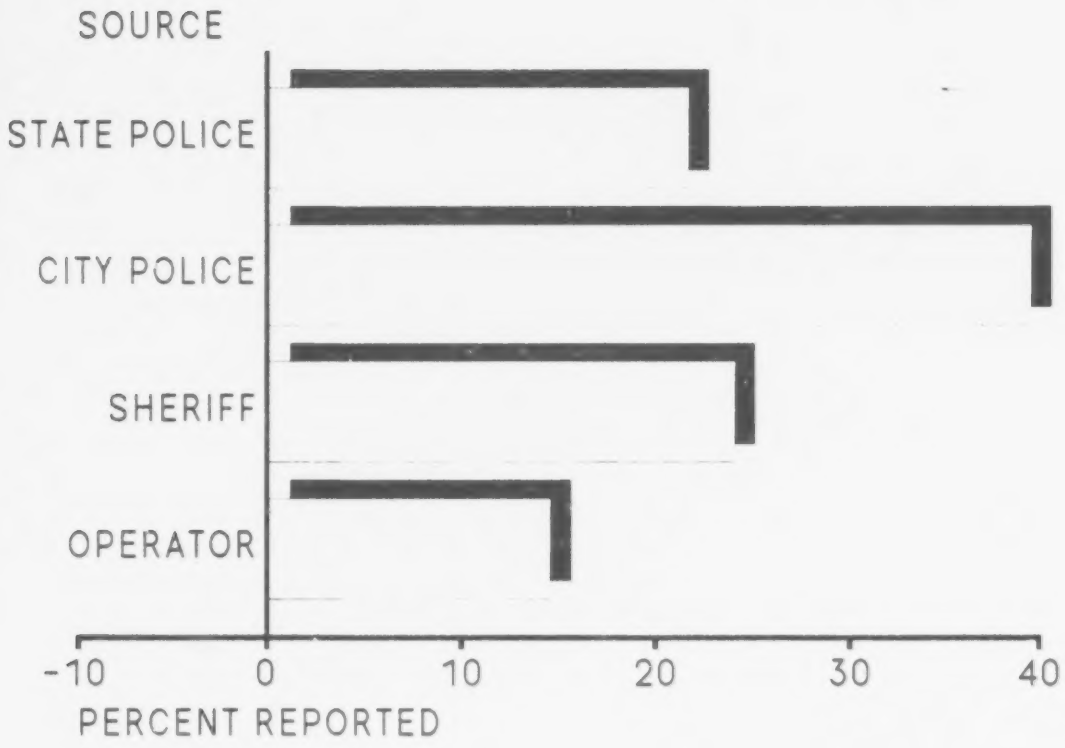
PERCENTAGE

REPORTED ACCIDENTS BY LOCATION



50,237 Crashes - 422 Deaths - 26,555 Injuries

REPORTED ACCIDENTS BY DATA SOURCE



TOTAL CRASHES 50,237

BASE CRASH RATES
1989 - 1991

HIGHWAY TYPE	*RATE PER HMVM
RURAL INTERSTATE	66
URBAN INTERSTATE	110
RURAL PRIMARY	251
RURAL PRIMARY - TWO LANES	258
RURAL PRIMARY - TWO LANES 16-17'	373
RURAL PRIMARY - TWO LANES 18-22'	259
RURAL PRIMARY - TWO LANES OVER 22'	211
RURAL PRIMARY - FOUR LANES	131
RURAL PRIMARY - FOUR LANES CONTROLLED ACCESS	99
URBAN PRIMARY	445
URBAN PRIMARY - TWO LANES	453
URBAN PRIMARY - FOUR LANES	372
COUNTY ROUTES OVER 500 ADT	312
RURAL COUNTY ROUTES OVER 500 ADT LESS THAN 16'	253
RURAL COUNTY ROUTES OVER 500 ADT 16 - 17'	329
RURAL COUNTY ROUTES OVER 18 - 22'	321
URBAN COUNTY ROUTES OVER 500 ADT- TWO LANES	251
COUNTY ROUTES LESS THAN 500 ADT	596

* 3 - YEAR CRASH RATE PER HUNDRED MILLION VEHICLE MILES

HIGHWAY SEGMENTS WITH 65 MPH SPEED LIMIT

HIGHWAY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED
I-64 WEST	497	192	285	7	10
I-64 EAST	133	66	105	6	6
I-68 (OLD US 48)	106	41	66	6	6
I-70	43	15	17	1	1
I-77 SOUTH	44	23	31	1	1
I-77 TURNPIKE	277	140	215	10	10
I-77 NORTH	420	187	285	10	11
I-79	653	247	372	11	13
I-81	162	52	73	2	2
	2335	963	1449	54	60

65 MPH HIGHWAY SEGMENTS
BY TIME OF DAY

PERCENTAGE BAR CHART

TIME	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
MIDNIGHT - 3 AM	242	242	10.41	10.41
3 AM - 6 AM	207	449	8.90	19.31
6 AM - 9 AM	294	743	12.65	31.96
9 AM - NOON	279	1022	12.00	43.96
NOON - 3 PM	356	1378	15.31	59.27
3 PM - 6 PM	456	1834	19.61	78.88
6 PM - 9 PM	306	2140	13.16	92.04
9 PM - MIDNIGHT	185	2325	7.96	100.00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

PERCENTAGE

65 MPH HIGHWAY SEGMENTS
BY TYPE OF CRASH

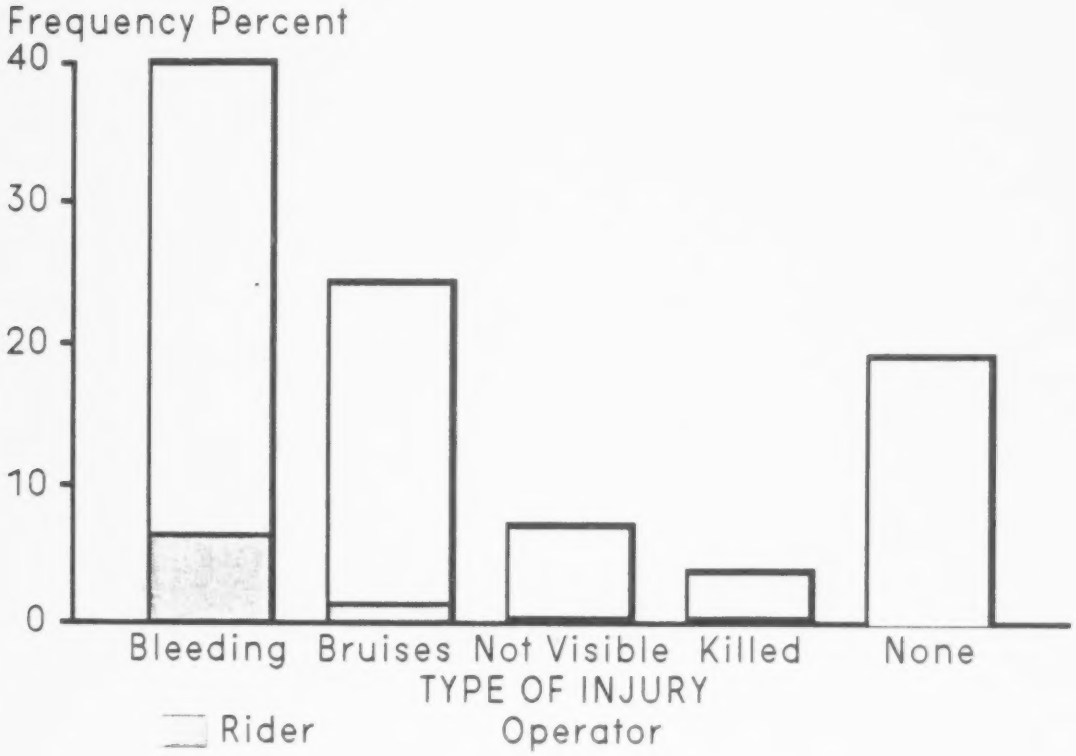
PERCENTAGE BAR CHART

ACCTYPE	FREQ	CUM. FREQ	PERCENT	CUM. PERCENT
REAR END	441	441	18.97	18.97
HEAD ON	31	472	1.33	20.30
SIDESWIPE SD	297	769	12.77	33.08
ACCESS CONFLICT	56	825	2.41	35.48
FIXED OBJECT	582	1407	25.03	60.52
OTHER	328	1735	14.11	74.62
HIT PARKED VEH	32	1767	1.38	76.00
RAN OFF ROAD	374	2141	16.09	92.09
OVERTURNED	184	2325	7.91	100.00

2 4 6 8 10 12 14 16 18 20 22 24

PERCENTAGE

INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS



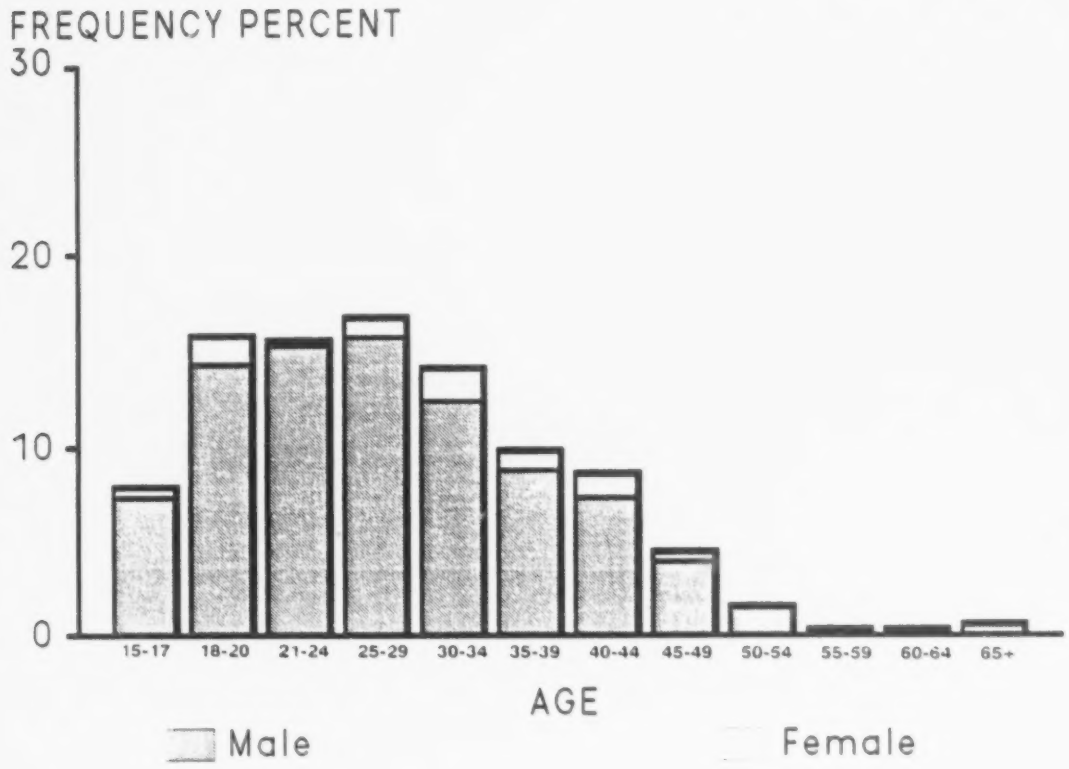
INJURY SEVERITY OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF INJURY BY SEAT

INJURY	SEAT		
FREQUENCY *PERCENT*	RIDER	OPERATOR	TOTAL
A BLEEDING	41 *6.68*	237 *38.60*	**278** ***45.28***
B BRUISES	10 *1.63*	140 *22.80*	**150** ***24.43***
C NOT VISIBLE	4 *0.65*	40 *6.51*	**44** ***7.17***
K KILLED	3 *0.49*	22 *3.58*	**25** ***4.07***
O NO INJURY	0 *0.00*	117 *19.06*	**117** ***19.06***
TOTAL	**58** ***9.45***	**556** ***90.55***	**614** ***100.00***

FREQUENCY MISSING = 1

AGE AND SEX OF MOTORCYLE OPERATORS AND RIDERS



AGE AND SEX OF MOTORCYCLE OPERATORS AND RIDERS

TABLE OF AGE BY SEX

AGE / FREQUENCY / PERCENT	SEX: FEMALE	SEX: MALE	TOTAL
14 or Younger	2	17	**19**
	0.33	*2.81*	***3.15***
15 to 17	3	45	**48**
	0.50	*7.45*	***7.95***
18 to 20	8	87	**95**
	1.32	*14.40*	***15.73***
21 to 24	1	93	**94**
	0.17	*15.40*	***15.56***
25 to 29	6	96	**102**
	0.99	*15.89*	***16.89***
30 to 34	10	75	**85**
	1.66	*12.42*	***14.07***
35 to 39	5	54	**59**
	0.83	*8.94*	***9.77***
40 to 44	7	45	**52**
	1.16	*7.45*	***8.61***
45 to 49	3	25	**28**
	0.50	*4.14*	***4.64***
50 to 54	0	11	**11**
	0.00	*1.82*	***1.82***
55 to 59	0	3	**3**
	0.00	*0.50*	***0.50***
60 to 64	0	3	**3**
	0.00	*0.50*	***0.50***
65 & Under	0	5	**5**
	0.00	*0.83*	***0.83***
TOTAL	**45**	**559**	**604**
	7.45	***92.55***	***100.00***

FREQUENCY MISSING = 11

DISTRIBUTION OF MOTORCYCLIST INJURIES BY MONTH

TABLE OF MONTH BY INJURY

MONTH / FREQUENCY / PERCENT	INJURY: BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
JANUARY	1	1	1	0	2	5
	0.16	*0.16*	*0.16*	*0.00*	*0.33*	***0.81***
FEBUARY	4	0	2	1	7	14
	0.65	*0.00*	*0.33*	*0.16*	*1.14*	***2.28***
MARCH	8	8	6	0	5	27
	1.30	*1.30*	*0.98*	*0.00*	*0.81*	***4.40***
APRIL	29	15	5	3	7	59
	4.72	*2.44*	*0.81*	*0.48*	*1.14*	***9.61***
MAY	44	24	2	5	20	95
	7.17	*3.91*	*0.33*	*0.81*	*3.26*	***15.47***
JUNE	46	24	6	4	22	102
	7.49	*3.91*	*0.98*	*0.65*	*3.58*	***16.61***
JULY	54	20	5	3	13	95
	8.79	*3.26*	*0.81*	*0.49*	*2.12*	***15.47***
AUGUST	45	23	4	5	17	94
	7.33	*3.75*	*0.65*	*0.81*	*2.77*	***15.31***
SEPTEMBER	25	23	8	1	14	71
	4.07	*3.75*	*1.30*	*0.16*	*2.28*	***11.56***
OCTOBER	15	10	2	2	8	37
	2.44	*1.63*	*0.33*	*0.33*	*1.30*	***6.03***
NOVEMBER	4	1	1	0	2	8
	0.65	*0.16*	*0.16*	*0.00*	*0.33*	***1.30***
DECEMBER	3	1	2	1	0	7
	0.49	*0.16*	*0.33*	*0.16*	*0.00*	***1.14***
TOTAL	**278**	**150**	**44**	**25**	**117**	**614**
	45.28	***24.43***	***7.17***	***4.07***	***19.06***	***100.00***

FREQUENCY MISSING = 1

DISTRIBUTION OF MOTORCYCLIST INJURIES BY TIME OF DAY

TABLE OF TIME OF INJURY

TIME FREQUENCY *PERCENT*	INJURY BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT- 3 AM	21	14	3	4	8	**50**
	3.42	*2.28*	*0.49*	*0.65*	*1.30*	***8.14***
3 AM-6 AM	9	4	1	1	2	**17**
	1.47	*0.65*	*0.16*	*0.16*	*0.33*	***2.77***
6 AM-9 AM	6	3	5	1	4	**19**
	0.98	*0.49*	*0.81*	*0.16*	*0.65*	***3.09***
9 AM- NOON	25	16	4	0	12	**57**
	4.07	*2.61*	*0.65*	*0.00*	*1.95*	***9.28***
NOON-3 PM	44	32	10	3	29	**118**
	7.17	*5.21*	*1.63*	*0.49*	*4.72*	***19.22***
3 PM - 6 PM	61	47	6	5	32	**151**
	9.93	*7.65*	*0.98*	*0.81*	*5.21*	***24.59***
6 PM - 9 PM	73	20	9	4	21	**127**
	11.89	*3.26*	*1.47*	*0.65*	*3.42*	***20.68***
9 PM - MIDNIGHT	39	14	6	7	9	**75**
	6.35	*2.28*	*0.98*	*1.14*	*1.47*	***12.21***
TOTAL	**278**	**150**	**44**	**25**	**117**	**614**
	45.28	***24.43***	*7.17*	***4.07***	***19.06***	***100.00***

SEX OF PEDESTRIANS BY AGE

TABLE OF AGE BY SEX

AGE FREQUENCY *PERCENT*	SEX FEMALE	 MALE	 TOTAL
1 to 9	47 *6.75*	97 *13.94*	**144** ***20.69***
10 to 14	33 *4.74*	84 *12.07*	**117** ***16.81***
15 to 20	31 *4.45*	83 *11.93*	**114** ***16.38***
21 to 34	40 *5.75*	94 *13.51*	**134** ***19.25***
35 to 64	42 *6.03*	86 *12.36*	**128** ***18.39***
65 & OLDER	34 *4.89*	25 *3.59*	**59** ***8.48***
TOTAL	**227** ***32.61***	**469** ***67.39***	**696** ***100.00***

INJURY SEVERITY OF PEDESTRIANS BY AGE

TABLE OF AGE BY INJURY

AGE FREQUENCY *PERCENT*	INJURY BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1 to 9	62	60	15	0	6	**143**
	8.90	*8.61*	*2.15*	*0.00*	*0.86*	***20.52***
10 tp 14	48	41	14	2	13	**118**
	6.89	*5.88*	*2.01*	*0.29*	*1.87*	***16.93***
15 to 20	50	34	19	4	7	**114**
	7.17	*4.88*	*2.73*	*0.57*	*1.00*	***16.36***
21 to 34	63	32	21	12	6	**134**
	9.04	*4.59*	*3.01*	*1.72*	*0.86*	***19.23***
35 to 64	63	29	18	11	7	**128**
	9.04	*4.16*	*2.58*	*1.58*	*1.00*	***18.36***
65 & OLDER	32	11	9	6	2	**60**
	4.59	*1.58*	*1.29*	*0.86*	*0.29*	***8.61***
TOTAL	**318**	**207**	**96**	**35**	**41**	**697**
	45.62	***29.70***	***13.77***	***5.02***	***5.88***	***100.00***

FREQUENCY MISSING = 55

DISTRIBUTION OF PEDESTRIAN INJURIES BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME FREQUENCY *PERCENT*	INJURY BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT- 3 AM	33	15	10	10	4	**72**
	4.40	*2.00*	*1.33*	*1.33*	*0.53*	***9.60***
3 AM-6 AM	7	3	0	2	1	**13**
	0.93	*0.40*	*0.00*	*0.27*	*0.13*	***1.73***
6 AM-9 AM	17	15	11	3	1	**47**
	2.27	*2.00*	*1.47*	*0.40*	*0.13*	***6.27***
9 AM- NOON	24	28	13	3	5	**73**
	3.20	*3.73*	*1.73*	*0.40*	*0.67*	***9.73***
NOON-3 PM	44	40	21	1	11	**117**
	5.87	*5.33*	*2.80*	*0.13*	*1.47*	***15.60***
3 PM - 6 PM	89	64	24	1	23	**201**
	11.87	*8.53*	*3.20*	*0.13*	*3.07*	***26.80***
6 PM - 9 PM	85	35	19	7	9	**155**
	11.33	*4.67*	*2.53*	*0.93*	*1.20*	***20.67***
9 PM - MIDNIGHT	28	19	9	9	7	**72**
	3.73	*2.53*	*1.20*	*1.20*	*0.93*	***9.60***
TOTAL	**327**	**219**	**107**	**36**	**61**	**750**
	43.60	***29.20***	***14.27***	***4.80***	***8.13***	***100.00***

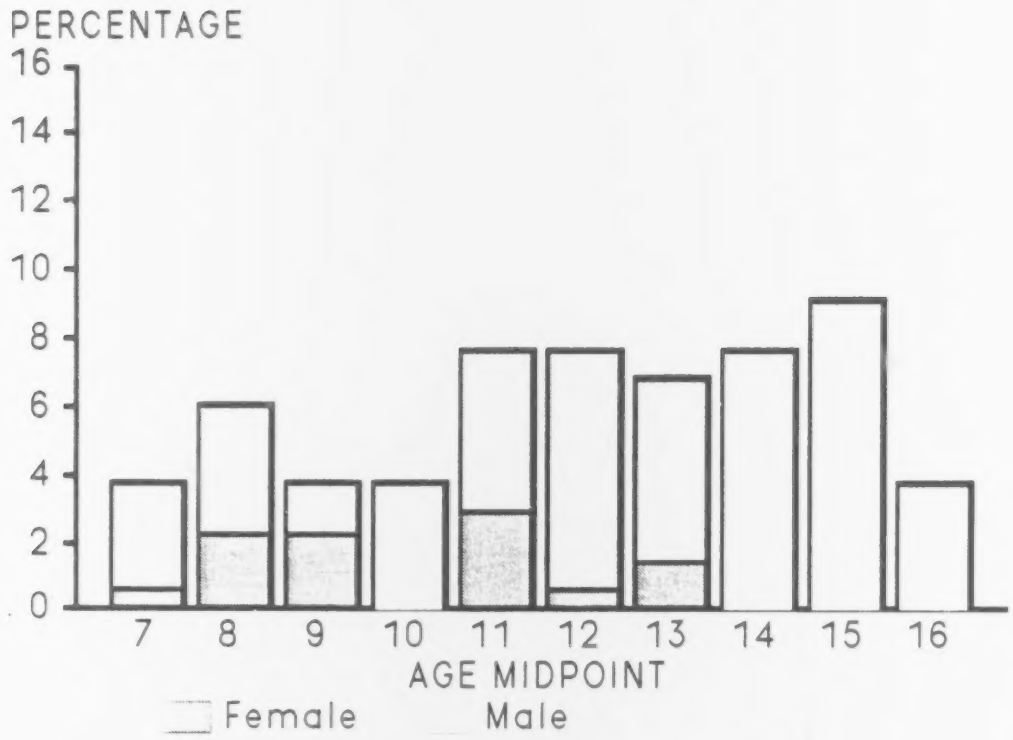
FREQUENCY MISSING = 2

DISTRIBUTION OF BICYCLIST INJURIES BY TIME OF DAY

TABLE OF TIME BY INJURY

TIME FREQUENCY *PERCENT*	INJURY BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MIDNIGHT- 3 AM	4	2	2	0	2	**10**
	2.82	*1.41*	*1.41*	*0.00*	*1.41*	***7.04***
6 AM-9 AM	1	2	1	0	0	**4**
	0.70	*1.41*	*0.70*	*0.00*	*0.00*	***2.82***
9 AM- NOON	5	4	3	0	0	**12**
	3.52	*2.82*	*2.11*	*0.00*	*0.00*	***8.45***
NOON-3 PM	8	11	2	0	6	**27**
	5.63	*7.75*	*1.41*	*0.00*	*4.23*	***19.01***
3 PM - 6 PM	21	23	4	1	9	**58**
	14.79	*16.20*	*2.82*	*0.70*	*6.34*	***40.85***
6 PM - 9 PM	11	7	3	0	5	**26**
	7.75	*4.93*	*2.11*	*0.00*	*3.52*	***18.31***
9 PM - MIDNIGHT	3	0	0	0	2	**5**
	2.11	*0.00*	*0.00*	*0.00*	*1.41*	***3.52***
TOTAL	**53**	**49**	**15**	**1**	**24**	**142**
	37.32	***34.51***	***10.56***	***0.70***	***16.90***	***100.00***

SEX OF BICYCLIST - AGES 7-16



1991 WEST VIRGINIA CRASH DATA
SEX OF BICYCLIST BY AGE

TABLE OF AGE BY SEX

AGE	SEX		
FREQUENCY PERCENT	FEMALE	MALE	TOTAL
4	0	2	2
	0.00	1.53	1.53
5	2	1	3
	1.53	0.76	2.29
6	1	5	6
	0.76	3.82	4.58
7	1	4	5
	0.76	3.05	3.82
8	3	5	8
	2.29	3.82	6.11
9	3	2	5
	2.29	1.53	3.82
10	0	5	5
	0.00	3.82	3.82
11	4	6	10
	3.05	4.58	7.63
12	1	9	10
	0.76	6.87	7.63
13	2	7	9
	1.53	*5.34*	***6.87***
14	0	10	**10**
	0.00	*7.63*	*7.63*
15	0	12	12
	0.00	*9.16*	*9.16*
16	0	5	5
	0.00	*3.82*	*3.82*
17	1	8	9
	0.76	*6.11*	*6.87*
18	1	1	**2**
	0.76	*0.76*	***1.53***
19	1	4	**5**
	0.76	*3.05*	***3.82***
20 to 24	1	10	**11**
	0.76	*7.63*	***8.40***
25 & OLDER	1	13	**14**
	0.76	*9.92*	***10.69***
TOTAL	**22**	**109**	**131**
	16.79	***83.21***	***100.00***

FREQUENCY MISSING = 11

DISTRIBUTION OF BICYCLIST INJURIES BY MONTH

TABLE BY MONTH OF INJURY

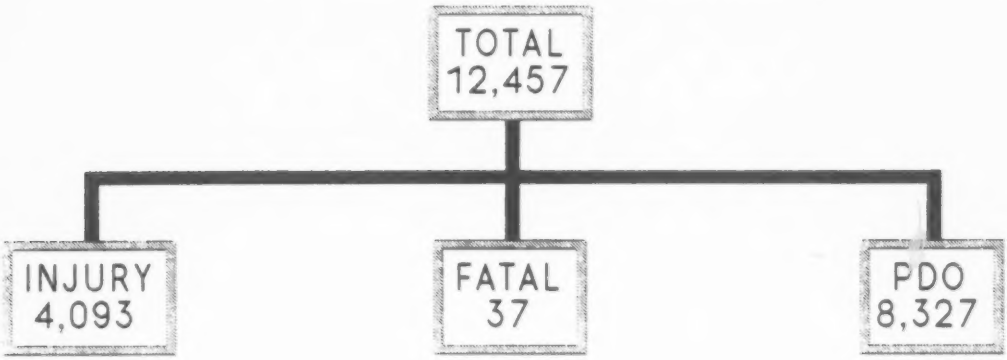
MONTH	INJURY					
FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
JANUARY	2 1.41	0 0.00	1 0.70	0 0.00	0 0.00	3 2.11
FEBUARY	1 0.70	3 2.11	0 0.00	0 0.00	1 0.70	4 2.82
MARCH	3 2.11	2 1.41	0 0.00	0 0.00	0 0.00	6 4.23
APRIL	6 4.23	4 2.82	1 0.70	0 0.00	3 2.11	14 9.86
MAY	6 4.23	6 4.23	1 0.70	0 0.00	3 2.11	16 11.27
JUNE	8 5.63	2 1.41	0 0.00	0 0.00	5 3.52	15 10.56
JULY	3 2.11	6 4.23	4 2.82	0 0.00	3 2.11	16 11.27
AUGUST	9 6.34	10 7.04	2 1.41	0 0.00	2 1.41	23 16.20
SEPTEMBER	7 4.93	9 6.34	3 2.11	1 0.70	4 2.82	24 16.90
OCTOBER	5 3.52	3 2.11	1 0.70	0 0.00	0 0.00	9 6.34
NOVEMBER	1 0.70	4 2.32	2 1.41	0 0.00	1 0.70	8 5.63
DECEMBER	2 1.41	0 0.00	0 0.00	0 0.00	2 1.41	4 2.82
TOTAL	53 37.32	49 34.51	15 10.56	1 0.70	24 16.90	142 100.00

DISTRIBUTION OF BICYCLIST INJURIES BY DAY OF WEEK

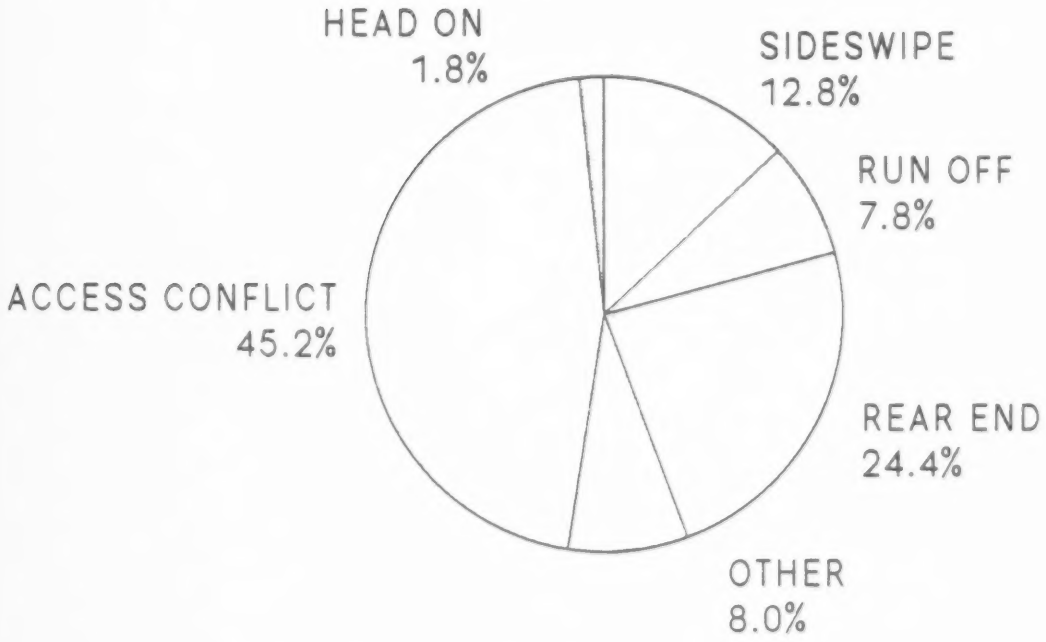
TABLE OF DAY BY INJURY

DAY / INJURY FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
MONDAY	4 2.82	10 7.04	1 0.70	0 0.00	4 2.82	19 13.38
TUESDAY	9 6.34	4 2.82	3 2.11	0 0.00	4 2.82	20 14.08
WEDNESDAY	9 6.34	10 7.04	2 1.41	0 0.00	0 0.00	21 14.79
THURSDAY	9 6.34	6 4.23	3 2.11	1 0.70	4 2.82	23 16.20
FRIDAY	4 2.92	7 4.93	3 2.11	0 0.00	9 6.34	23 16.20
SATURDAY	13 9.15	7 4.93	2 1.41	0 0.00	2 1.41	24 16.90
SUNDAY	5 3.52	5 3.52	1 0.70	0 0.00	1 0.70	12 8.45
TOTAL	53 37.32	49 34.51	15 10.56	1 0.70	24 16.90	142 100.00

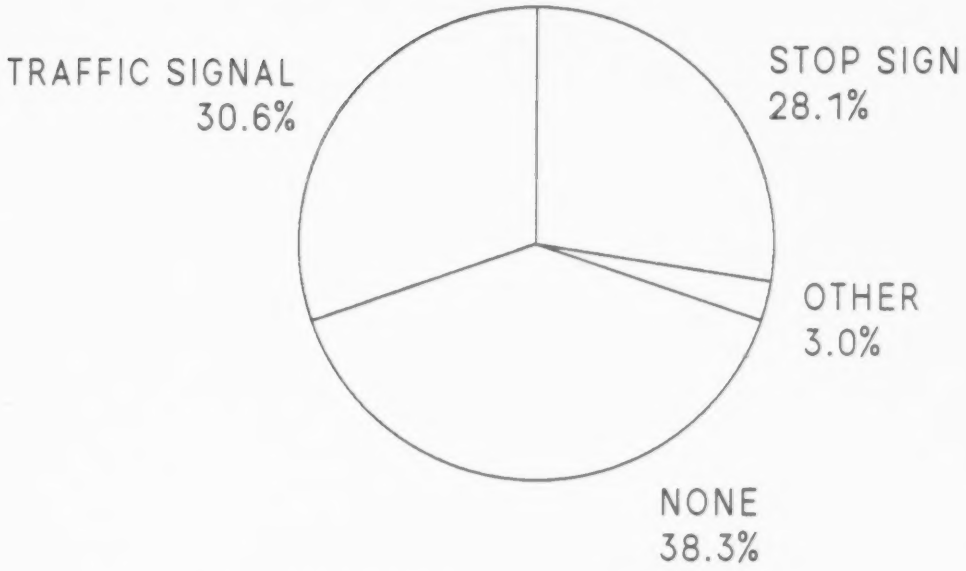
INTERSECTION CRASHES



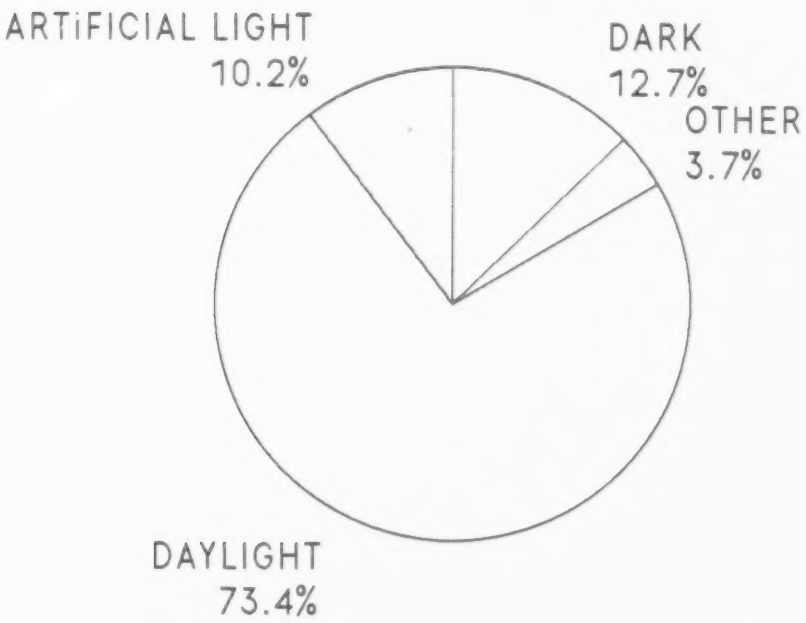
INTERSECTION CRASHES
By Type of Collision



INTERSECTION CRASHES
By Traffic Control



INTERSECTION CRASHES
By Light Condition



CITY CRASH INFORMATION
Incorporated Towns *Population 2,200 - 5,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BARBOURSVILLE	2,774	64	231	9	0	50	1	4
BETHLEHEM	2,694	47	174	12	0	51	0	0
CHARLES TOWN	3,122	111	356	46	0	31	3	10
CHESTER	2,905	43	148	10	0	31	4	14
FOLLANSBEE	3,339	119	356	25	0	32	2	6
HINTON	3,433	35	102	10	0	16	0	0
HURRICANE	4,461	85	191	32	0	28	0	0
KENOVA	3,748	89	237	22	0	17	3	8
KINGWOOD	3,243	66	204	39	1	16	1	3
LEWISBURG	3,598	133	370	71	1	47	2	6
LOGAN	2,206	74	335	27	1	26	1	5
MADISON	3,051	73	239	33	0	35	1	3
MANNINGTON	2,184	33	151	11	0	23	0	0
MILTON	2,242	57	254	24	0	31	0	0
MONTGOMERY	2,449	45	184	12	1	3	2	8
MULLENS	2,006	42	209	4	1	4	0	0
PADEN CITY	2,862	22	77	8	1	5	3	10
PETERSBURG	2,360	47	199	32	0	28	0	0
PHILIPPI	3,132	82	262	25	0	8	1	3
PT PLEASANT	4,996	146	292	82	1	35	4	8
RANSON	2,890	58	201	21	0	13	1	3
RAVENSWOOD	4,189	40	95	8	0	7	0	0
RICHWOOD	2,808	35	125	14	1	21	2	7
RIPLEY	3,023	133	440	48	1	18	3	10
SHINNSTON	2,543	31	122	10	0	10	0	0
SPENCER	2,279	98	430	38	0	20	1	4
SUMMERSVILLE	2,906	104	358	45	0	26	2	7
WELCH	3,028	132	436	62	0	28	3	10
WELLSBURG	3,385	119	352	43	0	24	1	3
WESTON	4,994	140	280	26	0	6	6	12
WESTOVER	4,201	120	286	36	0	40	0	0
WHITE SULPHUR SPRINGS	2,779	42	151	13	0	14	2	7
WILLIAMSON	4,154	110	265	48	0	28	4	10
WILLIAMSTOWN	2,774	47	169	19	0	53	1	4
		=====		===	=			
		2,622		965	9			

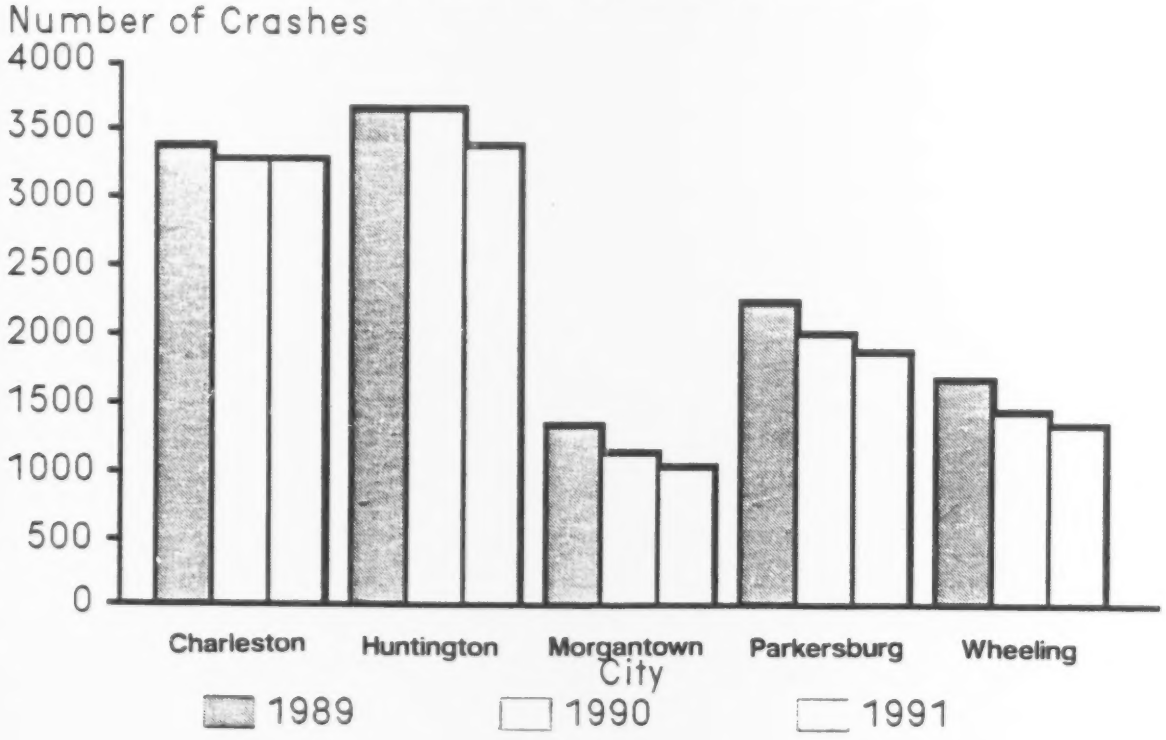
*POPULATION - 1990 BUREAU OF CENSUS

CITY CRASH INFORMATION
Incorporated Towns *Population 5,001 -10,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BRIDGEPORT	6,739	157	233	46	0	27	2	3
BUCKHANNON	5,909	177	300	65	0	26	2	3
DUNBAR	8,697	324	373	123	2	37	8	9
ELKINS	7,420	304	410	166	1	37	5	7
GRAFTON	5,524	121	219	37	0	17	1	2
KEYSER	5,870	121	206	45	0	31	7	12
NEW MARTINSVILLE	6,705	185	276	84	1	24	1	1
NITRO	6,851	207	302	121	0	35	3	4
OAK HILL	6,812	67	98	31	0	12	0	0
PRINCETON	7,043	336	477	171	3	29	7	10
		1,999		889	7			

*POPULATION - 1990 BUREAU OF CENSUS

CRASHES IN LARGEST CITIES



CITY CRASH INFORMATION
Incorporated Towns *Population 10,001 -25,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
BECKLEY	18,296	704	385	363	1	38	10	5
BLUEFIELD	12,756	333	261	153	0	36	4	3
CLARKSBURG	18,059	571	316	198	0	33	8	4
FAIRMONT	20,210	771	381	383	0	37	18	9
MARTINSBURG	14,073	409	291	151	0	32	14	10
MOUNDSVILLE	10,753	201	187	83	0	18	5	5
SO CHARLESTON	13,645	704	516	302	3	43	8	6
ST ALBANS	11,194	372	332	149	0	32	1	1
VIENNA	10,862	209	192	89	0	59	5	5
WEIRTON	22,124	604	273	331	1	47	12	5
		4,878		2,202	5			

CITY CRASH INFORMATION
Incorporated Towns *Population 25,001 -50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
MORGANTOWN	25,879	1,034	400	281	3	43	18	7
PARKERSBURG	33,862	1,886	557	781	1	46	38	11
WHEELING	34,882	1,338	384	519	5	33	24	7
		4,258		1,581	9			

CITY CRASH INFORMATION
Incorporated Towns *Population Over 50,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	DEATHS	% SEATBELT USED	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION
CHARLESTON	57,287	3,284	573	1,289	12	43	83	14
HUNTINGTON	54,844	3,393	619	1,128	5	39	73	13
		6,677		2,417	17			

*POPULATION - 1990 BUREAU OF CENSUS

1991 West Virginia
Crash Data
Total Persons Killed - 422
By County
HANCOCK
4
BROOKE
2
OHIO
6
MARSHALL
7
WETZEL
6
MONONGALIA
17
MARION
11
PRESTON
8
TYLER
0
PLEASANTS
1
7
TAYLOR
1
HARRISON
WOOD
14
RITCHIE
2
0
DODDRIDGE
BARBOUR
5
TUCKER
1
WIRT
2
LEWIS
5
3
CALHOUN
3
GILMER
2
UPSHUR
RANDOLPH
6
JACKSON
9
MASON
11
ROANE
2
9
BRAXTON
PUTNAM
12
CABELL
16
CLAY
1
WEBSTER
2
KANAWHA
52
NICHOLAS
6
POCAHONTAS
5
WAYNE
15
LINCOLN
6
BOONE
5
FAYETTE
16
GREENBRIER
15
LOGAN
9
MINGO
13
7
WYOMING
RALEIGH
21
6
SUMMERS
MONROE
4
MCDOWELL
6
MERCER
26
MORGAN
2
BERKELEY
12
MINERAL
5
4
HAMPSHIRE
JEFFERSON
4
GRANT
1
HARDY
5
PENDLETON
2

Fatal Crashes and Fatalities by Data

	TOTAL FATAL CRASHES	PERSONS KILLED	ALCOHOL RELATED CRASHES	INTERSECTION CRASHES	BICYCLE CRASHES	PEDESTRIAN CRASHES	TRAIN CRASHES	MOTORCYCLE CRASHES	SEMI CRASHES
BARBOUR	4	5	2	0	0	0	0	0	0
BERKELEY	11	12	4	2	0	1	0	0	2
BOONE	4	5	3	1	0	1	0	0	0
BRAXTON	7	9	3	0	0	2	0	0	0
BROOKE	2	2	0	0	0	1	0	0	0
CABELL	14	16	3	5	0	0	0	2	1
CALHOUN	3	3	2	0	0	0	0	0	0
CLAY	1	1	0	0	0	0	0	0	0
FAYETTE	15	16	4	1	0	4	1	0	3
GILMER	3	3	0	0	0	0	0	0	0
GRANT	1	1	0	0	0	0	0	0	0
GREENBRIER	14	15	8	2	0	0	0	3	2
HAMPSHIRE	4	4	0	0	0	1	0	1	0
HANCOCK	4	4	4	0	0	1	0	1	0
HARDY	5	5	3	0	0	0	0	0	0
HARRISON	7	7	1	1	0	0	0	1	2
JACKSON	9	9	2	0	0	1	0	0	1
JEFFERSON	4	4	2	1	0	0	1	0	0
KANAWHA	41	52	12	4	0	7	1	2	5
LEWIS	4	5	0	0	0	1	0	0	0
LINCOLN	6	6	2	0	0	0	0	1	0
LOGAN	9	9	6	3	0	1	0	0	0
MCDOWELL	5	6	3	0	0	0	0	0	0
MARION	11	11	4	0	0	0	0	2	2
MARSHALL	7	7	2	0	0	0	0	0	0
MASON	11	11	1	1	0	3	0	2	1
MERCER	23	26	9	2	0	2	0	2	2
MINERAL	5	5	2	0	0	0	0	1	2
MINGO	10	13	2	0	0	3	0	0	0
MONONGALIA	15	17	7	0	0	0	0	0	0
MONROE	4	4	2	1	1	0	0	0	0
MORGAN	2	2	0	0	0	0	0	0	0
NICHOLAS	6	6	3	1	0	0	0	0	0
OHIO	6	6	3	2	0	0	0	1	1
PENDLETON	2	2	2	0	0	0	0	0	0
PLEASANTS	1	1	1	1	0	0	0	0	0
POCAHONTAS	5	5	3	0	0	0	0	0	0
PRESTON	8	8	2	1	0	0	0	1	0
PUTNAM	9	12	4	0	0	0	0	0	1
RALEIGH	17	21	4	1	0	2	0	0	1
RANDOLPH	6	6	1	0	0	1	0	0	1
RITCHIE	2	2	1	1	0	0	0	0	0
ROANE	2	2	1	1	0	0	0	0	0
SUMMERS	6	6	1	0	0	0	0	0	0
TAYLOR	1	1	0	1	0	0	0	0	0
TUCKER	1	1	1	0	0	0	0	0	0
UPSHUR	2	2	2	0	0	0	0	0	0
WAYNE	11	15	4	0	0	1	1	0	1
WEBSTER	2	2	1	0	0	0	0	1	0
WETZEL	6	6	1	2	0	0	0	1	0
WIRT	2	2	0	0	0	0	0	0	0
WOOD	14	14	5	2	0	1	0	0	2
WYOMING	6	7	3	0	0	0	0	2	0
	380	422	136	37	1	34	4	24	30

1991 WEST VIRGINIA CRASH DATA

FATAL CRASHES AND FATALITIES BY MONTH

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total Fatal Crashes	21	24	28	22	38	34	35	40	31	36	40	31	**380**
Persons Killed	24	31	31	23	42	37	38	47	35	40	42	32	**422**
Persons Injured	22	31	45	18	37	35	34	38	27	35	37	33	**392**
Alcohol Related Crashes	4	7	10	11	18	7	11	17	17	13	12	9	**136**
Intersection Crashes	0	1	3	2	3	2	4	2	5	7	3	5	**37**
Bicycle Crashes	0	0	0	0	0	0	0	0	1	0	0	0	**1**
Pedestrian Crashes	4	0	2	2	0	2	4	5	1	5	5	4	**34**
Train Crashes	0	0	1	0	0	0	0	1	0	2	0	0	**4**
Motorcycle Crashes	0	1	0	3	4	4	3	5	1	2	0	1	**24**
Semi Crashes	2	0	5	0	0	5	3	5	2	4	2	2	**30**

Fatal Crashes and Fatalities by Highway Classification

	INTERSTATE	US	WV	COUNTY	CITY	OTHER	TOTAL
Total Fatal Crashes	57	98	128	79	10	8	380
Persons Killed	63	111	144	86	10	8	422
Alcohol Related Crashes	15	33	47	35	4	2	136
Intersection Crashes	0	14	18	2	3	0	37
Bicycle Crashes	0	1	0	0	0	0	1
Pedestrian Crashes	6	14	8	4	2	0	34
Train Crashes	0	0	1	0	0	3	4
Motorcycle Crashes	0	5	11	6	1	1	24
Semi Crashes	12	9	7	1	1	0	30

January 1991

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3 1 total 1 killed	4 1 total 1 killed	5 1 total 1 killed 1 alcohol 1 ped
6	7	8	9 1 total 1 killed 1 ped	10	11	12 1 total 1 killed
13 1 total 1 killed	14	15	16	17 1 total 1 killed	18 1 total 1 killed	19 1 total 2 killed 1 ped
20	21 1 total 1 killed	22	23	24 3 total 3 killed 1 alcohol 1 ped 1 semi	25 1 total 1 killed 1 alcohol	26
27 3 total 5 killed 1 semi	28 2 total 2 killed	29 2 total 2 killed	30	31		

SUMMARY

TOTAL FATAL CRASHES	21
PERSONS KILLED	24
ALCOHOL CRASHES	4
INTERSECTION CRASHES	0
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	0
SEMI CRASHES	2

February 1991

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4 2 total 3 killed	5 2 total 2 killed 1 alcohol	6 1 total 3 killed	7 1 total 1 killed 1 alcohol	8 2 total 2 killed	9 2 total 2 killed 1 alcohol 1 mcycle
10 2 total 2 killed	11	12	13 1 total 1 killed	14 1 total 1 killed	15 1 total 2 killed	16
17 1 total 1 killed 1 alcohol	18 1 total 2 killed	19	20 2 total 4 killed 1 intsec	21	22 1 total 1 killed	23 2 total 2 killed 2 alcohol
24	25 1 total 1 killed 1 alcohol	26 1 total 1 killed	27	28		

SUMMARY

TOTAL FATAL CRASHES	24
PERSONS KILLED	31
ALCOHOL CRASHES	7
INTERSECTION CRASHES	1
PEDESTRIAN CRASHES	0
MOTORCYCLE CRASHES	1
SEMI CRASHES	0

March 1991

SUN	MON	TUE	WED	THU	FRI	SAT
					1 1 total 1 killed 1 ped	2 2 total 2 killed 1 alcohol 1 ped 1 semi
3 4 total 6 killed 1 alcohol 1 semi	4 1 total 1 killed	5 1 total 1 killed 1 semi	6	7 1 total 1 killed	8 1 total 1 killed 1 alcohol	9
10	11	12	13	14 1 total 1 killed 1 alcohol	15 2 total 2 killed 1 alcohol 1 intsec 1 semi	16 1 total 1 killed
17 3 total 3 killed 3 alcohol	18	19	20	21	22 2 total 3 killed 1 alcohol	23 1 total 1 killed
24	25 2 total 2 killed 1 alcohol	26 1 total 1 killed	27	28 1 total 1 killed	29	30 1 total 1 killed 1 intsec
31 2 total 2 killed 1 intsec 1 semi						

SUMMARY

TOTAL FATAL CRASHES	28	INTERSECTION CRASHES	3
PERSONS KILLED	31	PEDESTRIAN CRASHES	2
ALCOHOL CRASHES	10	MOTORCYCLE CRASHES	0
SEMI CRASHES	5		

April 1991

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5 1 total 1 killed 1 ped	6 1 total 1 killed 1 alcohol
7 1 total 1 killed	8 1 total 1 killed	9	10 2 total 2 killed 2 alcohol 1 intsec	11 1 total 1 killed	12 2 total 2 killed 1 mcycle	13 1 total 1 killed 1 alcohol
14	15 1 total 1 killed 1 alcohol	16 1 total 1 killed 1 alcohol	17 2 total 2 killed 1 intsec 1 ped 1 mcycle	18	19 1 total 1 killed 1 alcohol 1 mcycle	20 1 total 1 killed 1 alcohol
21 2 total 2 killed 1 alcohol	22	23 1 total 1 killed 1 alcohol	24	25	26	27 1 total 1 killed
28	29	30 2 total 3 killed 3 alcohol				

SUMMARY

TOTAL FATAL CRASHES	22
PERSONS KILLED	23
ALCOHOL CRASHES	11
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	2
MOTORCYCLE CRASHES	3
SEMI CRASHES	0

May 1991

SUN	MON	TUE	WED	THU	FRI	SAT
			1 1 total 1 killed 1 intsec	2	3 2 total 2 killed 2 alcohol	4 4 total 4 killed 2 alcohol 1 intsec
5 5 total 5 killed 2 alcohol 1 intsec	6	7	8	9 2 total 3 killed 1 alcohol	10 2 total 2 killed 1 alcohol	11 1 total 1 killed
12	13 1 total 1 killed 1 alcohol 1 mcycle	14	15 1 total 1 killed	16	17 2 total 3 killed 1 alcohol 1 mcycle	18
19 2 total 2 killed 2 alcohol	20	21 1 total 1 killed 1 alcohol	22	23 2 total 2 killed	24 2 total 2 killed 1 alcohol 1 mcycle	25 2 total 2 killed 1 alcohol
26 3 total 5 killed 1 alcohol 1 mcycle	27	28 2 total 2 killed 1 alcohol	29	30 3 total 3 killed 1 alcohol	31	

SUMMARY

TOTAL FATAL CRASHES	38	PERSONS KILLED	42
ALCOHOL CRASHES	18	INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	0	MOTORCYCLE CRASHES	4
		SEMI CRASHES	0

June 1991

SUN	MON	TUE	WED	THU	FRI	SAT
						1 2 total 2 killed 1 mcycle
2 1 total 2 killed 1 alcohol	3	4	5 1 total 1 killed 1 alcohol 1 semi	6 1 total 1 killed 1 alcohol	7 2 total 2 killed 1 semi	8
9 2 total 2 killed 1 alcohol 1 mcycle	10 1 total 1 killed	11 1 total 1 killed	12 2 total 2 killed	13	14 2 total 2 killed	15 2 total 3 killed 1 mcycle
16 1 total 2 killed	17	18 2 total 2 killed 1 ped 1 semi	19 2 total 2 killed 1 semi	20 1 total 1 killed 1 alcohol	21 3 total 3 killed 1 alcohol 1 intsec	22 2 total 2 killed 1 ped 1 semi
23 1 total 1 killed 1 mcycle 1 intsec	24 1 total 1 killed	25	26	27 1 total 1 killed 1 alcohol	28 1 total 1 killed	29 2 total 2 killed
30						

SUMMARY

TOTAL FATAL CRASHES	34	PERSONS KILLED	37
ALCOHOL CRASHES	7	INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	2	MOTORCYCLE CRASHES	4
SEMI CRASHES	5		

July 1991

SUN	MON	TUE	WED	THU	FRI	SAT
	1 1 total 1 killed 1 alcohol	2 1 total 1 killed	3 3 total 3 killed 1 intsec	4	5 1 total 1 killed 1 alcohol	6 2 total 2 killed 1 alcohol 1 ped 1 intsec
7 2 total 2 killed 2 alcohol 1 mcycle	8 1 total 2 killed 1 semi	9	10	11 1 total 1 killed 1 alcohol	12 2 total 2 killed 1 semi	13 2 total 2 killed 1 mcycle
14	15 2 total 2 killed	16 1 total 1 killed 1 ped	17 2 total 2 killed 1 alcohol	18 1 total 1 killed	19	20 1 total 1 killed 1 alcohol 1 intsec
21 1 total 2 killed	22	23 1 total 1 killed	24 1 total 1 killed 1 ped	25 1 total 1 killed 1 alcohol 1 semi	26 1 total 1 killed 1 ped	27 3 total 3 killed 1 mcycle
28	29	30	31 4 total 5 killed 2 alcohol 1 intsec			

SUMMARY

TOTAL FATAL CRASHES	35
PERSONS KILLED	38
ALCOHOL CRASHES	11
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	3
SEMI CRASHES	3

August 1991

SUN	MON	TUE	WED	THU	FRI	SAT
				1 1 total 1 killed	2 3 total 3 alcohol 1 ped 1 semi	3
4 3 total 4 killed 1 alcohol	5 1 total 1 killed 1 alcohol 1 semi	6	7 1 total 1 killed 1 semi	8 1 total 1 killed 1 alcohol	9 2 total 3 killed	10 2 total 2 killed 1 alcohol 1 ped 1 mcycle
11 2 total 2 killed 2 alcohol 1 mcycle	12 1 total 1 killed 1 alcohol	13 4 total 8 killed 1 ped	14 1 total 1 killed	15 2 total 2 killed 2 alcohol 1 mcycle	16 4 total 5 killed 2 alcohol 1 ped 1 mcycle 1 semi	17 2 total 2 killed 1 alcohol 1 intsec 1 ped
18 1 total 1 killed	19 1 total 1 killed 1 alcohol 1 mcycle	20	21	22 1 total 1 killed 1 semi	23	24 3 total 3 killed 1 alcohol 1 intsec
25 2 total 2 killed 2 alcohol	26	27	28 1 total 1 killed	29	30	31 1 total 1 killed 1 alcohol

SUMMARY

TOTAL FATAL CRASHES	40	PERSONS KILLED	47
ALCOHOL CRASHES	17	INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	5	MOTORCYCLE CRASHES	5
SEMI CRASHES	5		

September 1991

SUN	MON	TUE	WED	THU	FRI	SAT
1	2 2 total 2 killed 1 alcohol 1 intsec	3 2 total 2 killed 1 semi	4	5 1 total 1 killed	6 1 total 1 killed	7 2 total 3 killed 2 alcohol
8 1 total 1 killed 1 alcohol	9 2 total 2 killed 1 alcohol	10 1 total 1 killed 1 alcohol	11 1 total 1 killed 1 alcohol 1 semi	12 1 total 1 killed 1 ped	13 1 total 3 killed	14
15 2 total 2 killed 1 alcohol 1 intsec	16	17 2 total 2 killed 1 intsec	18	19 1 total 1 killed 1 intsec	20 2 total 3 killed 1 alcohol	21 1 total 1 killed 1 alcohol
22 1 total 1 killed 1 alcohol	23 1 total 1 killed 1 alcohol	24 1 total 1 killed 1 alcohol	25	26	27 2 total 2 killed 2 alcohol 1 intsec 1 mcycle	28 1 total 1 killed
29 2 total 2 killed 2 alcohol	30					

SUMMARY

TOTAL FATAL CRASHES	31
PERSONS KILLED	35
ALCOHOL CRASHES	17
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	1
SEMI CRASHES	2

October 1991

SUN	MON	TUE	WED	THU	FRI	SAT
		1 1 total 1 killed 1 alcohol	2 1 total 1 killed 1 semi	3 1 total 1 killed 1 alcohol	4 3 total 4 killed 1 alcohol 1 ped 1 semi	5 2 total 2 killed 1 alcohol 1 intsec
6 1 total 1 killed	7 2 total 2 killed 1 alcohol 2 ped 1 semi	8 1 total 2 killed	9	10 1 total 2 killed	11 1 total 1 killed	12 3 total 3 killed 1 alcohol 1 ped
13	14	15 2 total 2 killed 1 intsec	16 3 total 3 killed 2 alcohol 2 intsec 1 mcycle	17 2 total 2 killed 1 alcohol	18	19 1 total 1 killed 1 alcohol 1 intsec
20 1 total 1 killed 1 intsec	21 1 total 1 killed	22	23 1 total 1 killed 1 intsec 1 mcycle	24 1 total 1 killed	25	26 1 total 1 killed
27 1 total 1 killed	28 2 total 2 killed 1 alcohol	29 2 total 2 killed 1 alcohol 1 ped 1 semi	30	31 1 total 2 killed 1 alcohol		

SUMMARY

TOTAL FATAL CRASHES	36	PERSONS KILLED	40
ALCOHOL CRASHES	13	INTERSECTION CRASHES	7
PEDESTRIAN CRASHES	5	MOTORCYCLE CRASHES	2
	SEMI CRASHES	4	

November 1991

SUN	MON	TUE	WED	THU	FRI	SAT
					1 1 total 1 killed	2 2 total 2 killed 1 alcohol
3	4	5	6 2 total 2 killed	7 2 total 2 killed 2 alcohol	8 2 total 2 killed	9 3 total 3 killed
10 4 total 5 killed 2 alcohol 1 intsec 1 semi	11	12	13 1 total 1 killed 1 alcohol 1 semi	14 1 total 1 killed 1 ped	15 1 total 1 killed 1 alcohol 1 intsec	16 2 total 2 killed
17 3 total 3 killed	18	19	20	21 3 total 3 killed 2 alcohol 2 ped	22 1 total 1 killed	23 3 total 4 killed 1 alcohol 1 ped
24	25 1 total 1 killed	26 1 total 1 killed	27 3 total 3 killed 1 alcohol	28	29 3 total 3 killed 1 alcohol 1 ped	30 1 total 1 killed 1 intsec

SUMMARY

TOTAL FATAL CRASHES	40	PERSONS KILLED	42
ALCOHOL CRASHES	12	INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	5	MOTORCYCLE CRASHES	0
		SEMI CRASHES	2

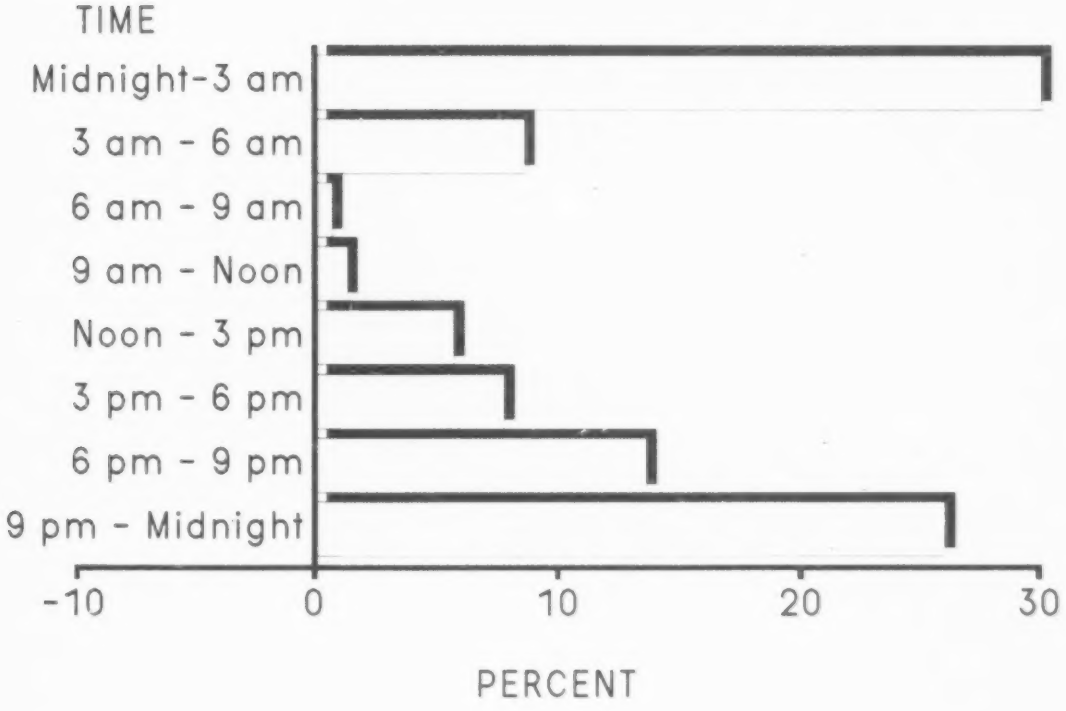
December 1991

SUN	MON	TUE	WED	THU	FRI	SAT
1 3 total 3 killed 1 intsec 1 ped 1 semi	2 1 total 1 killed 1 alcohol	3 1 total 1 killed	4 1 total 1 killed	5	6	7 1 total 1 killed 1 alcohol
8	9 2 total 2 killed 1 alcohol	10 3 total 3 killed	11 2 total 2 killed 1 alcohol 2 intsec	12 1 total 1 killed 1 ped	13 1 total 1 killed 1 alcohol	14 1 total 1 killed
15 2 total 3 killed 1 alcohol	16 2 total 2 killed 1 alcohol	17 1 total 1 killed	18 2 total 2 killed 1 mcycle	19 1 total 1 killed 1 alcohol 1 intsec	20	21
22 1 total 1 killed 1 alcohol	23 2 total 2 killed 1 ped	24	25 1 total 1 killed 1 ped 1 semi	26	27	28 1 total 1 killed 1 intsec
29 1 total 1 killed	30	31				

SUMMARY

TOTAL FATAL CRASHES	31
PERSONS KILLED	32
ALCOHOL CRASHES	9
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	1
SEMI CRASHES	2

ALCOHOL RELATED DRIVERS IN FATAL CRASHES BY TIME OF DAY



ALCOHOL INVOLVEMENT IN FATAL CRASHES BY DRIVERS IN AGE

TABLE OF AGE BY ALCOHOL

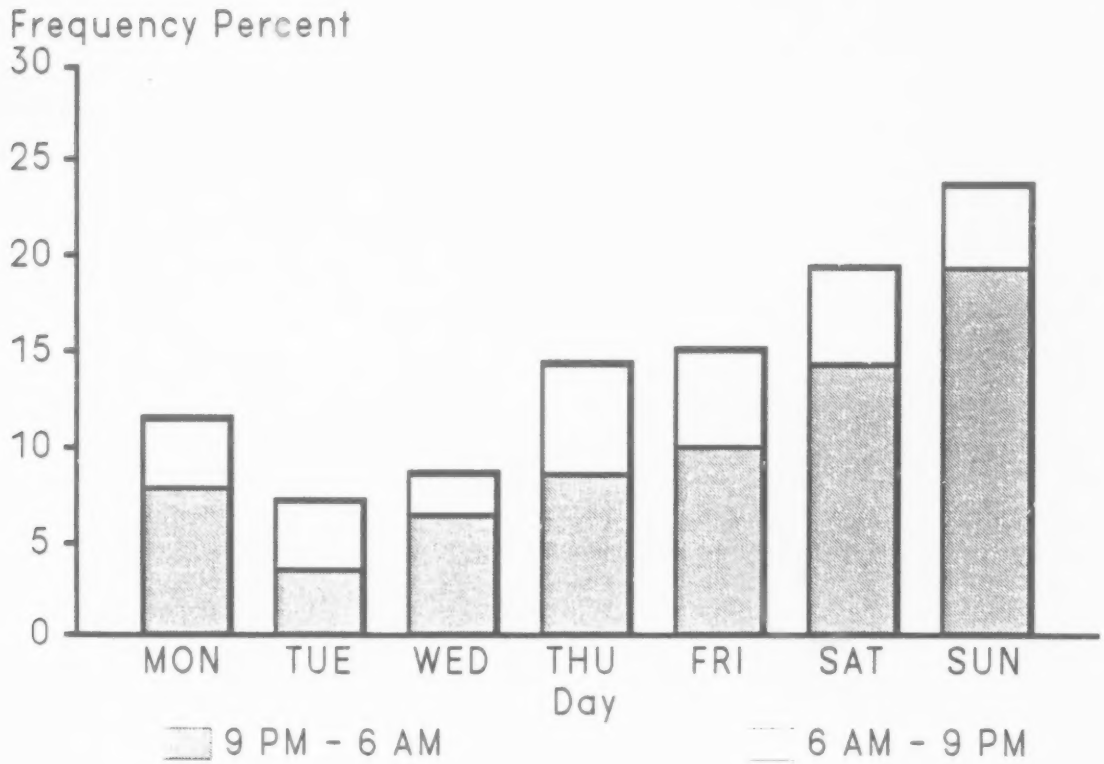
AGE FREQUENCY PERCENT	ALCOHOL YES	NO	TOTAL
14 and Younger	0 0.00	2 0.37	2 0.37
15 to 17	4 0.75	20 3.74	24 4.49
18 to 20	26 4.86	36 6.73	62 11.59
21 to 24	15 2.80	42 7.85	57 10.65
25 to 34	47 8.79	95 17.76	142 26.54
35 to 54	40 7.48	117 21.87	157 29.35
55 and Older	7 1.31	84 15.70	91 17.01
TOTAL	139 25.98	396 74.02	535 100.00

FREQUENCY MISSING = 27

ALCOHOL RELATED DRIVERS IN FATAL CRASHES BY TIME OF DAY

TIME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
MIDNIGHT-3 AM	50	36.0	50	36.0
3 AM-6 AM	12	8.6	62	44.6
6 AM-9 AM	1	0.7	63	45.3
9 AM-NOON	2	1.4	65	46.8
NOON-3 PM	8	5.8	73	52.5
3 PM-6 PM	11	7.9	84	60.4
6 PM-9 PM	19	13.7	103	74.1
9 PM-MIDNIGHT	36	25.9	139	100.00

ALCOHOL RELATED DRIVERS IN FATAL CRASHES
TABLE OF DAY BY TIME



ALCOHOL RELATED DRIVERS IN FATAL CRASHES BY TIME

TABLE OF DAY BY TIME

DAY FREQUENCY PERCENT	TIME 9 PM - 6 AM	6 AM - 9 PM	Total
MONDAY	11 7.91	5 3.60	16 11.51
TUESDAY	5 3.60	5 3.60	10 7.19
WEDNESDAY	9 6.47	3 2.16	12 8.62
THURSDAY	12 8.63	8 5.76	20 14.39
FRIDAY	14 10.07	7 5.04	21 15.11
SATURDAY	20 14.39	7 5.04	27 19.42
SUNDAY	27 19.42	6 4.32	33 23.74
TOTAL	98 70.50	41 29.50	139 100.00